

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112224\
 Data File : BF140583.D
 Acq On : 22 Nov 2024 17:43
 Operator : RC/JU
 Sample : P4948-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11944

Quant Time: Nov 22 22:16:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	75120	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	242890	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	100128	20.000	ng	0.02
64) Phenanthrene-d10	11.398	188	3627	20.000	ng	# 0.00
76) Chrysene-d12	14.098	240	120763	20.000	ng	# 0.05
86) Perylene-d12	15.562	264	114925	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	370743	84.207	ng	0.00
7) Phenol-d6	6.504	99	497396	85.456	ng	-0.01
23) Nitrobenzene-d5	7.434	82	286345	60.301	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	89977	84.022	ng	0.04
45) 2-Fluorobiphenyl	9.233	172	422604	62.885	ng	0.00
79) Terphenyl-d14	13.057	244	337687	43.542	ng	0.06
Target Compounds						Qvalue
25) Isophorone	7.792	82	18879	2.384	ng	# 1
32) Benzoic acid	7.945	122	5327	9.192	ng	# 38
35) Caprolactam	8.575	113	5808	5.443	ng	# 1
36) 4-Chloro-3-methylphenol	8.704	107	29995	7.769	ng	# 25
37) 2-Methylnaphthalene	8.869	142	27152	3.417	ng	93
38) 1-Methylnaphthalene	8.969	142	16002	2.054	ng	91
43) 2,4,6-Trichlorophenol	9.151	196	4654	2.530	ng	# 12
46) 1,1'-Biphenyl	9.333	154	17892	2.393	ng	73
48) 2-Nitroaniline	9.463	65	15026	8.264	ng	# 40
49) Acenaphthylene	9.792	152	64594	7.547	ng	# 1
50) Dimethylphthalate	9.645	163	14962	2.269	ng	# 1
51) 2,6-Dinitrotoluene	9.727	165	35726	23.888	ng	# 33
53) 3-Nitroaniline	9.886	138	42162	28.824	ng	# 18
54) 2,4-Dinitrophenol	9.857	184	1176	9.193	ng	# 1
55) Dibenzofuran	10.139	168	18786	2.265	ng	# 1
56) 4-Nitrophenol	10.039	139	9030	9.052	ng	# 1
57) 2,4-Dinitrotoluene	10.104	165	8775	4.415	ng	# 40
58) Fluorene	10.492	166	13803	2.073	ng	# 1
59) 2,3,4,6-Tetrachlorophenol	10.245	232	5021	3.273	ng	# 1
61) 4-Chlorophenyl-phenyle...	10.504	204	25137	7.693	ng	# 1
62) 4-Nitroaniline	10.357	138	62208	40.549	ng	82
63) Azobenzene	10.651	77	57427	9.051	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.486	198	12436	670.978	ng	# 1
66) n-Nitrosodiphenylamine	10.539	169	49475	461.263	ng	# 59
67) 4-Bromophenyl-phenylether	10.739	248	6991	187.163	ng	# 1
69) Atrazine	11.122	200	2575	85.338	ng	# 1
70) Pentachlorophenol	11.104	266	29681	1559.235	ng	# 42
71) Phenanthrene	11.386	178	11805	67.710	ng	# 1
72) Anthracene	11.498	178	193294	1133.397	ng	# 27
73) Carbazole	11.651	167	5357	32.652	ng	# 1
74) Di-n-butylphthalate	11.969	149	18052	95.306	ng	# 15
75) Fluoranthene	12.704	202	220053	1162.485	ng	69
77) Benzidine	12.763	184	13295	3.787	ng	# 1
80) Butylbenzylphthalate	13.627	149	10965	2.726	ng	# 28
81) Benzo(a)anthracene	14.086	228	154815	19.366	ng	# 83
83) Chrysene	14.121	228	143872	19.682	ng	# 91

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Instrument :
BNA_F
ClientSampleId :
72-11944

Quant Time: Nov 22 22:16:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

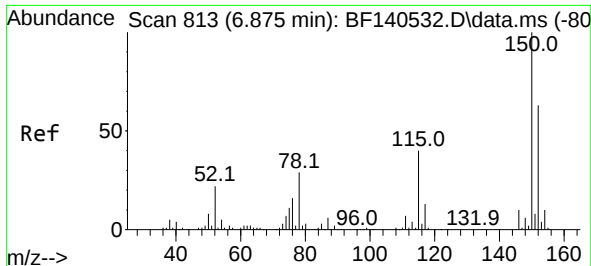
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Bis(2-ethylhexyl)phtha...	14.045	149	39373	7.752	ng	# 63
87) Indeno(1,2,3-cd)pyrene	17.051	276	100704	13.446	ng	99
88) Benzo(b)fluoranthene	15.133	252	314397	43.554	ng	# 85
89) Benzo(k)fluoranthene	15.133	252	314397	49.771	ng	# 86
90) Benzo(a)pyrene	15.498	252	139557	23.777	ng	# 91
91) Dibenzo(a,h)anthracene	17.056	278	25223	4.112	ng	# 85
92) Benzo(g,h,i)perylene	17.509	276	98515	15.740	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

72-11944

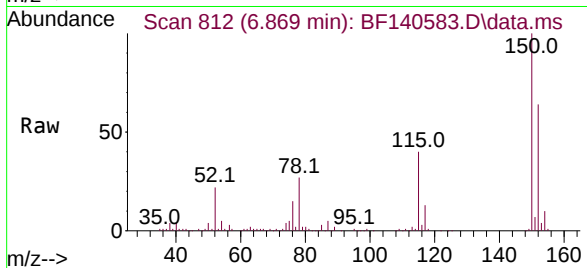
Response via : Initial Calibration



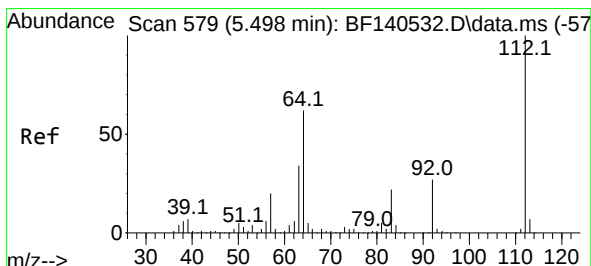
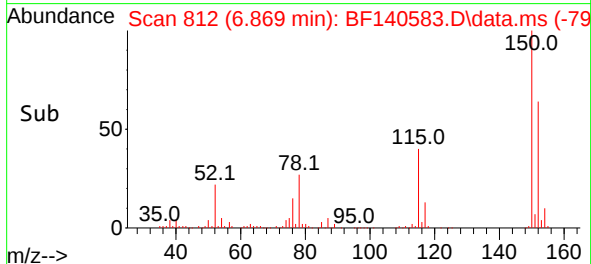
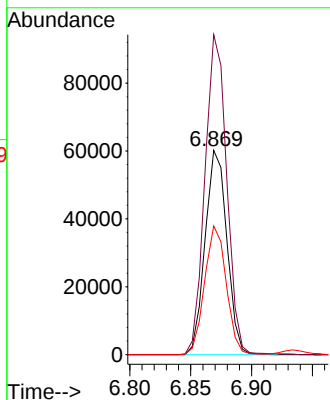


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140583.D
Acq: 22 Nov 2024 17:43

Instrument :
BNA_F
ClientSampleId :
72-11944

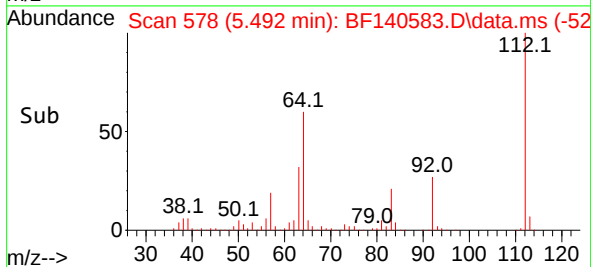
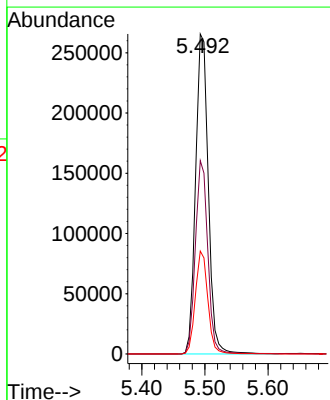
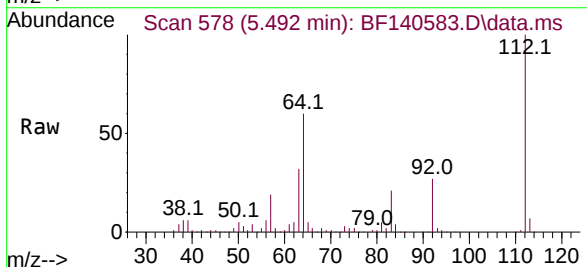


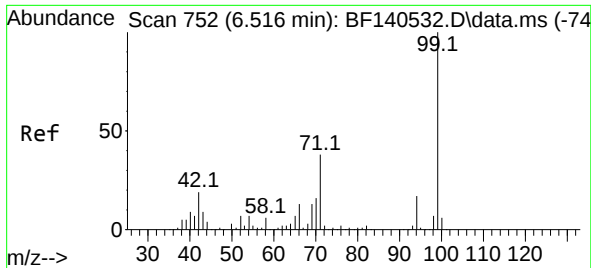
Tgt Ion:152 Resp: 75120
Ion Ratio Lower Upper
152 100
150 156.6 128.5 192.7
115 63.1 50.2 75.4



#5
2-Fluorophenol
Concen: 84.207 ng
RT: 5.492 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF140583.D
Acq: 22 Nov 2024 17:43

Tgt Ion:112 Resp: 370743
Ion Ratio Lower Upper
112 100
64 60.4 49.2 73.8
63 32.2 27.0 40.4

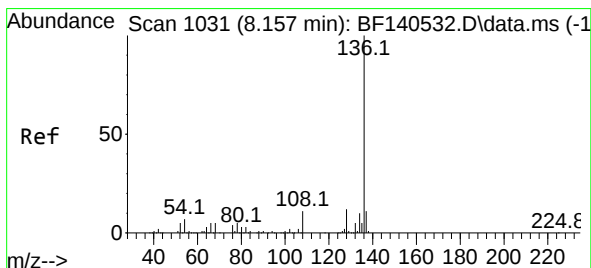
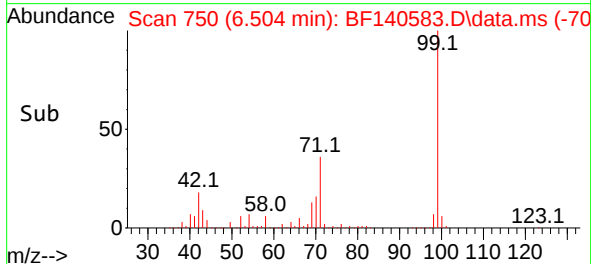
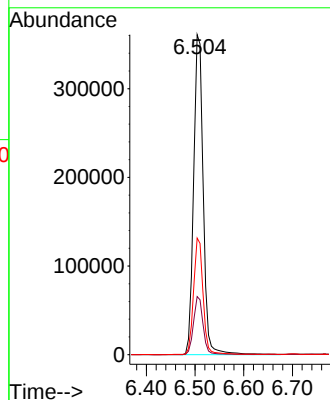
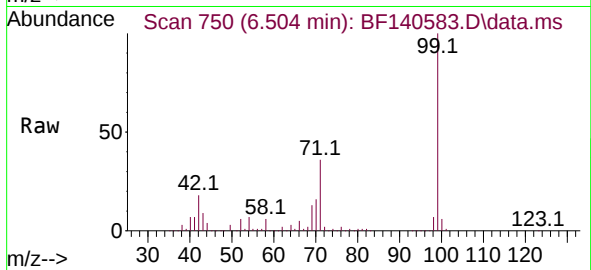




#7
Phenol-d6
Concen: 85.456 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140583.D
Acq: 22 Nov 2024 17:43

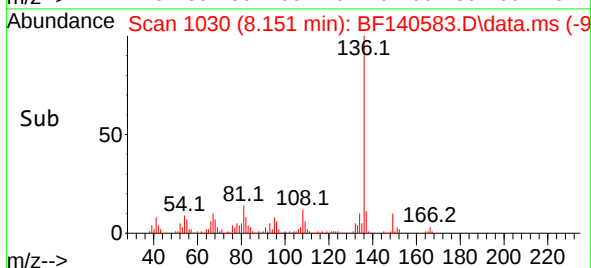
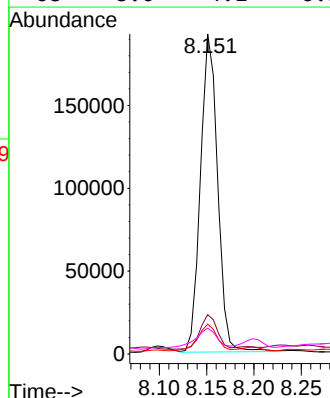
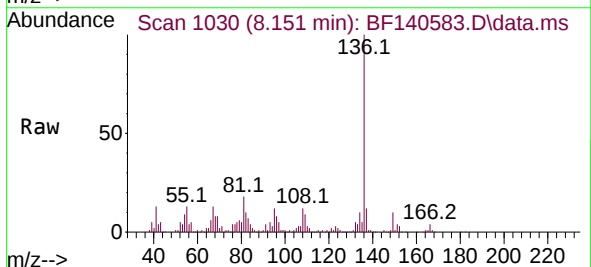
Instrument :
BNA_F
ClientSampleId :
72-11944

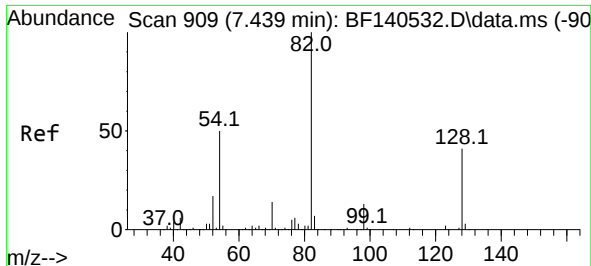
Tgt Ion: 99 Resp: 497396
Ion Ratio Lower Upper
99 100
42 18.1 15.4 23.0
71 36.5 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140583.D
Acq: 22 Nov 2024 17:43

Tgt Ion: 136 Resp: 242890
Ion Ratio Lower Upper
136 100
137 12.3 8.6 13.0
54 9.3 5.8 8.8#
68 8.0 4.1 6.1#

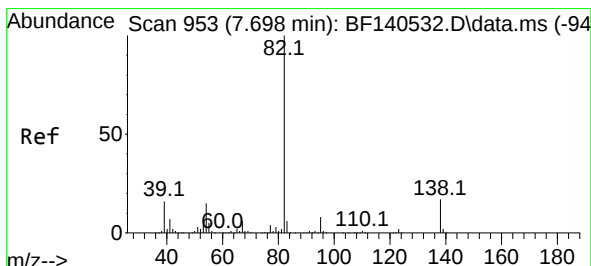
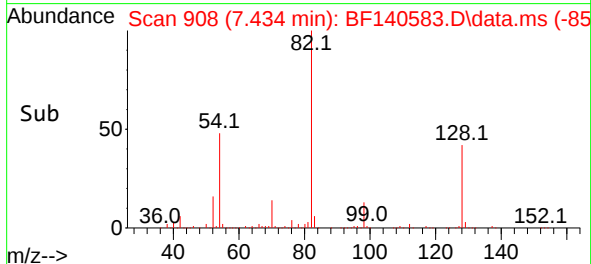
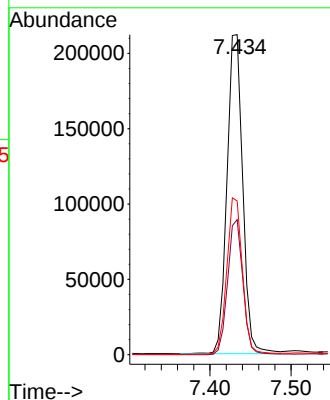
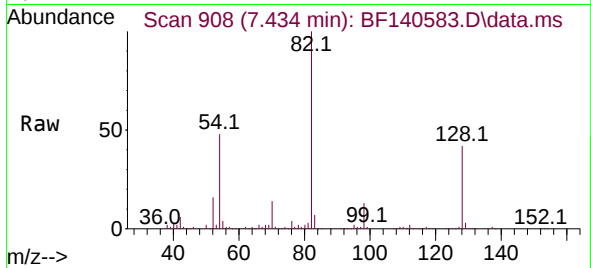




#23
Nitrobenzene-d5
Concen: 60.301 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140583.D
Acq: 22 Nov 2024 17:43

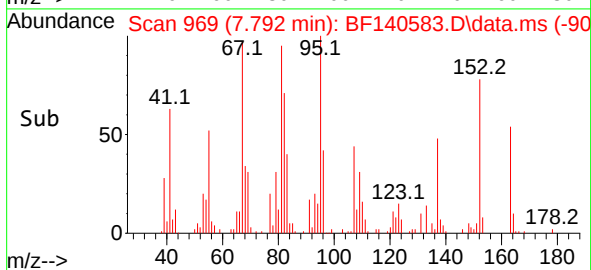
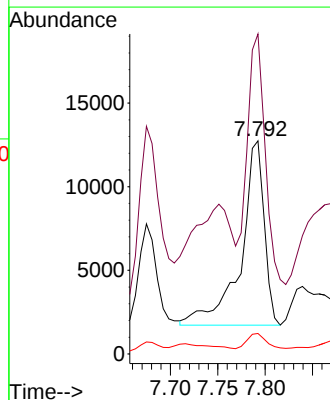
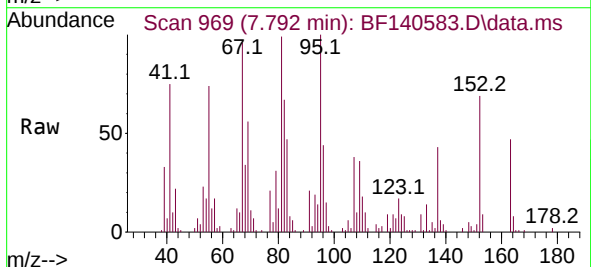
Instrument :
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ClientSampleId :
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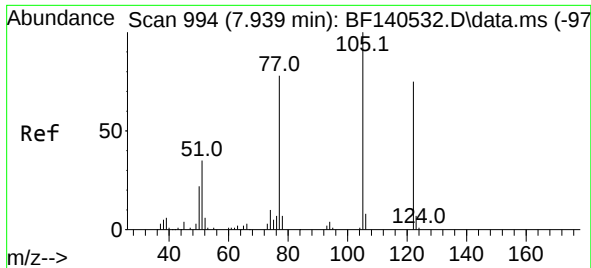
Tgt Ion: 82 Resp: 286345
Ion Ratio Lower Upper
82 100
128 42.2 33.0 49.4
54 48.0 39.5 59.3



#25
Isophorone
Concen: 2.384 ng
RT: 7.792 min Scan# 969
Delta R.T. 0.094 min
Lab File: BF140583.D
Acq: 22 Nov 2024 17:43

Tgt Ion: 82 Resp: 18879
Ion Ratio Lower Upper
82 100
95 150.2 6.4 9.6#
138 9.6 13.8 20.6#

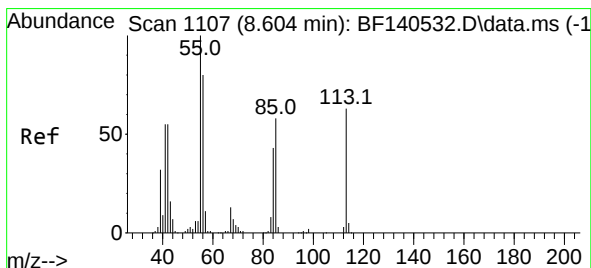
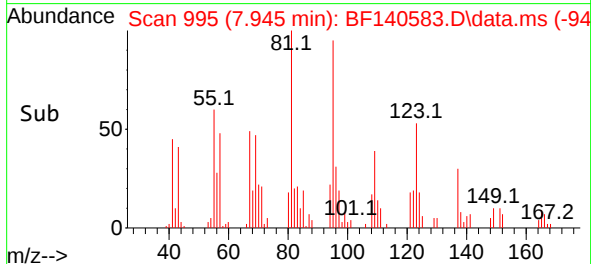
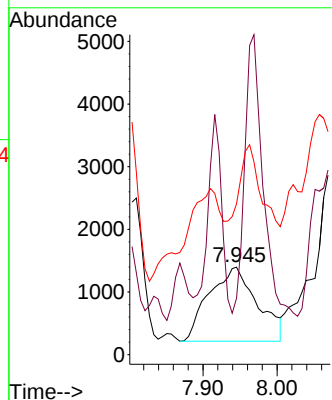
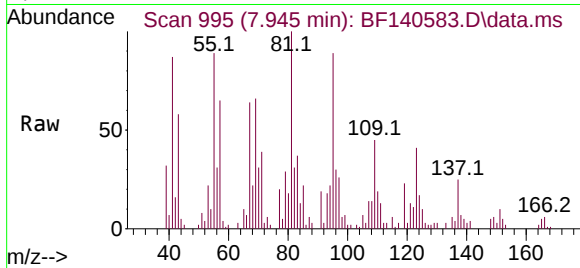




#32
Benzoic acid
Concen: 9.192 ng
RT: 7.945 min Scan# 994
Delta R.T. 0.006 min
Lab File: BF140583.D
Acq: 22 Nov 2024 17:43

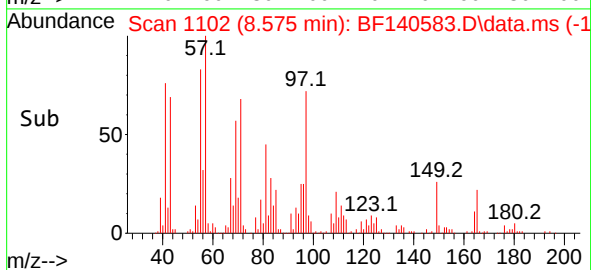
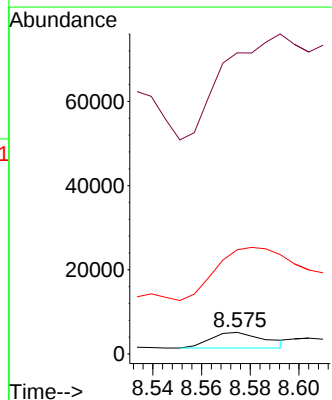
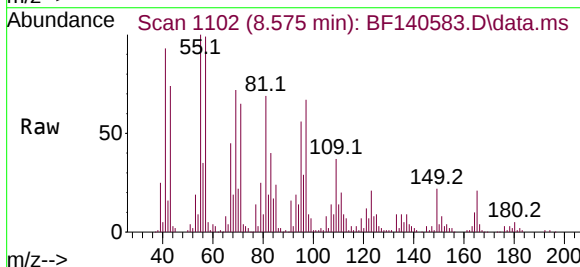
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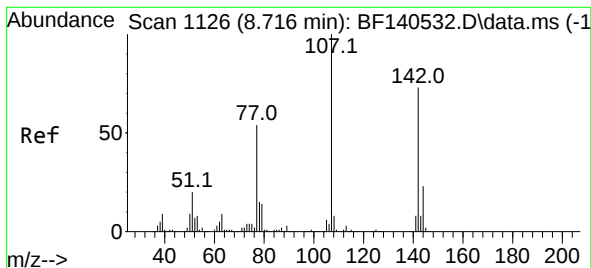
Tgt Ion:122 Resp: 5327
Ion Ratio Lower Upper
122 100
105 64.5 109.3 149.3#
77 172.6 82.3 122.3#



#35
Caprolactam
Concen: 5.443 ng
RT: 8.575 min Scan# 1102
Delta R.T. -0.029 min
Lab File: BF140583.D
Acq: 22 Nov 2024 17:43

Tgt Ion:113 Resp: 5808
Ion Ratio Lower Upper
113 100
55 1392.4 137.7 177.7#
56 482.0 106.4 146.4#

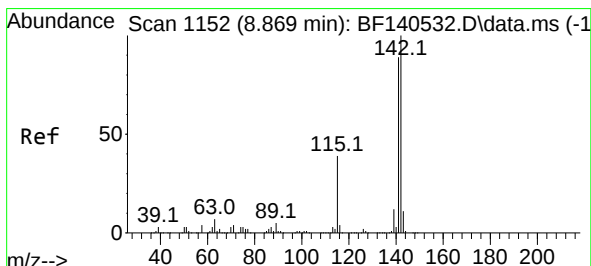
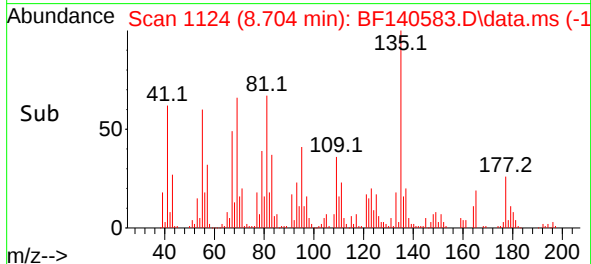
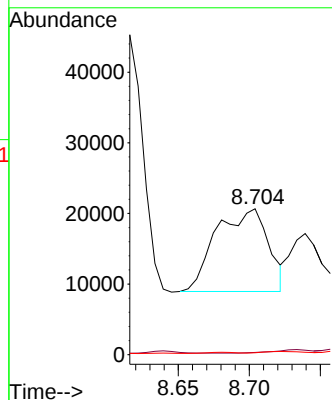
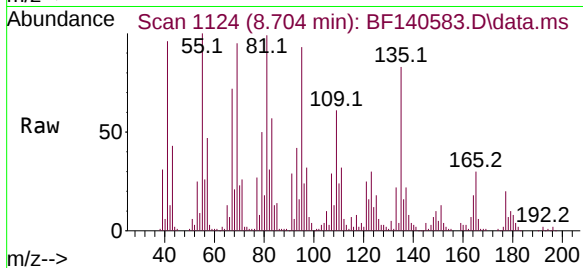




#36
4-Chloro-3-methylphenol
Concen: 7.769 ng
RT: 8.704 min Scan# 1126
Delta R.T. -0.012 min
Lab File: BF140583.D
Acq: 22 Nov 2024 17:43

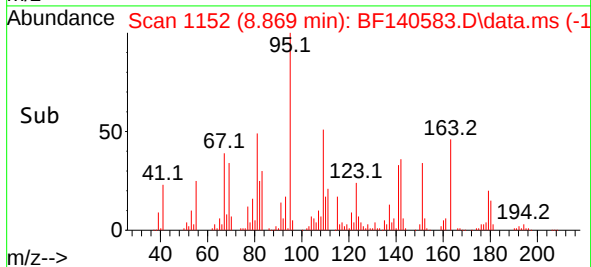
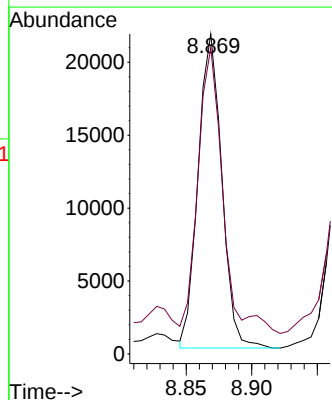
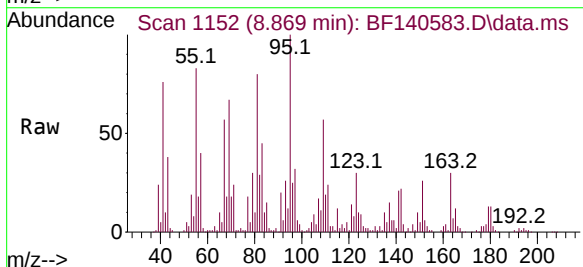
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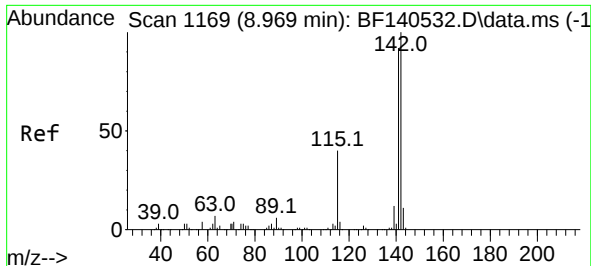
Tgt Ion:107 Resp: 29995
Ion Ratio Lower Upper
107 100
144 1.6 18.7 28.1#
142 1.3 58.3 87.5#



#37
2-Methylnaphthalene
Concen: 3.417 ng
RT: 8.869 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BF140583.D
Acq: 22 Nov 2024 17:43

Tgt Ion:142 Resp: 27152
Ion Ratio Lower Upper
142 100
141 95.7 71.0 106.6





#38

1-Methylnaphthalene

Concen: 2.054 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF140583.D

Acq: 22 Nov 2024 17:43

Instrument :

BNA_F

ClientSampleId :

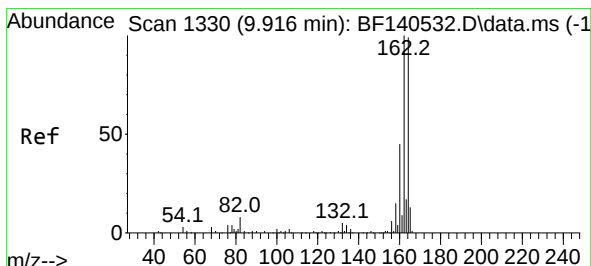
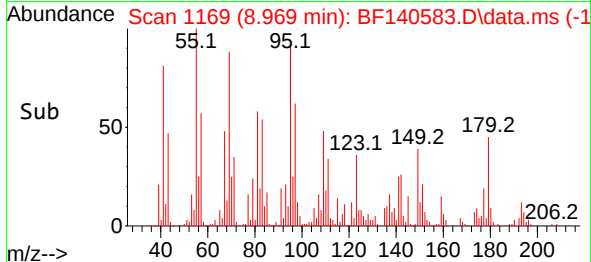
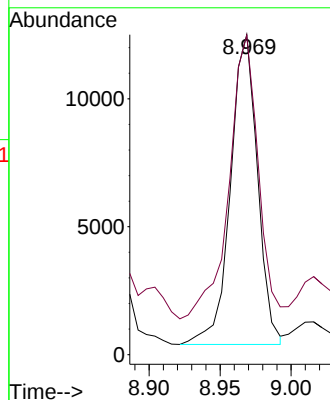
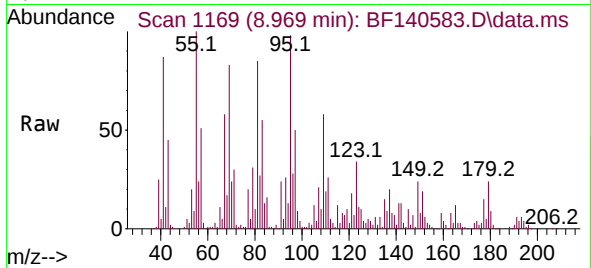
72-11944

Tgt Ion:142 Resp: 16002

Ion Ratio Lower Upper

142 100

141 99.8 73.3 109.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1333

Delta R.T. 0.018 min

Lab File: BF140583.D

Acq: 22 Nov 2024 17:43

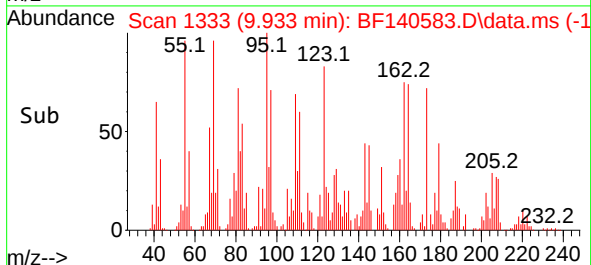
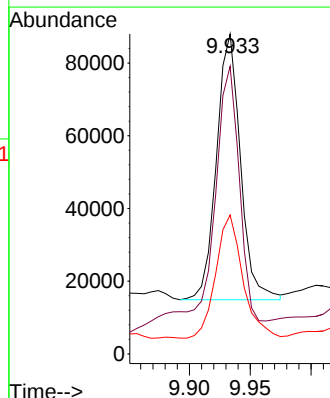
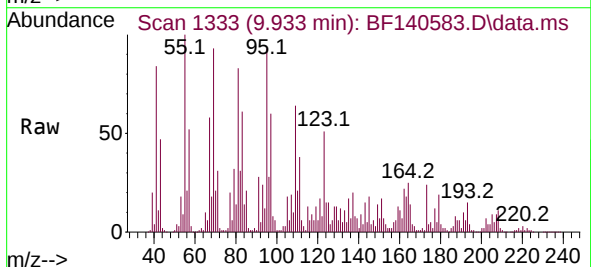
Tgt Ion:164 Resp: 100128

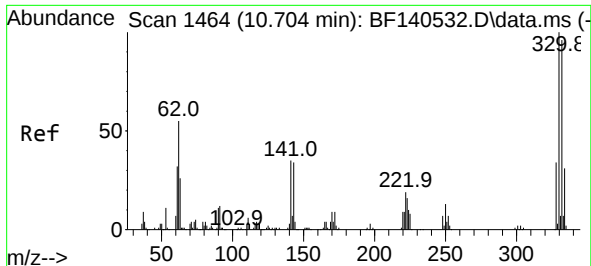
Ion Ratio Lower Upper

164 100

162 89.9 80.6 120.8

160 43.5 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 84.022 ng

RT: 10.739 min Scan# 1464

Delta R.T. 0.035 min

Lab File: BF140583.D

Acq: 22 Nov 2024 17:43

Instrument :

BNA_F

ClientSampleId :

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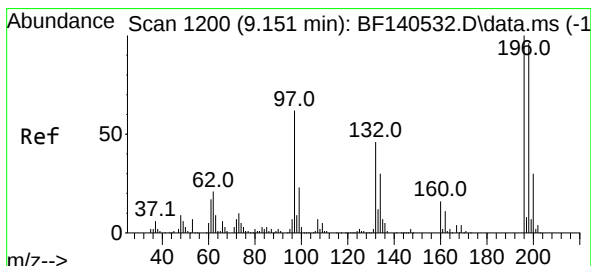
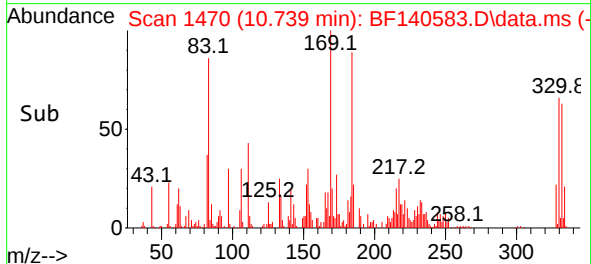
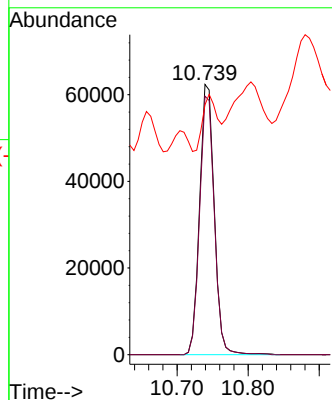
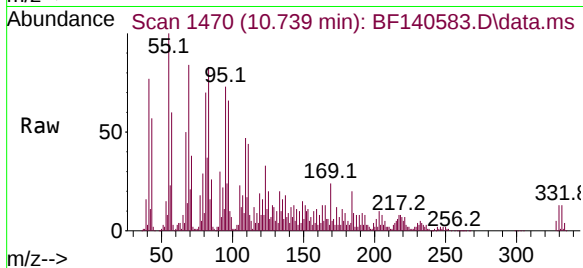
Tgt Ion:330 Resp: 89977

Ion Ratio Lower Upper

330 100

332 96.0 76.9 115.3

141 21.2 26.7 40.1#



#43

2,4,6-Trichlorophenol

Concen: 2.530 ng

RT: 9.151 min Scan# 1200

Delta R.T. -0.000 min

Lab File: BF140583.D

Acq: 22 Nov 2024 17:43

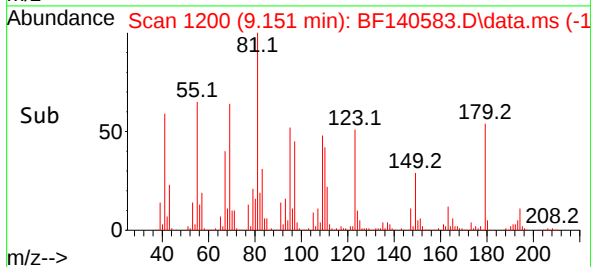
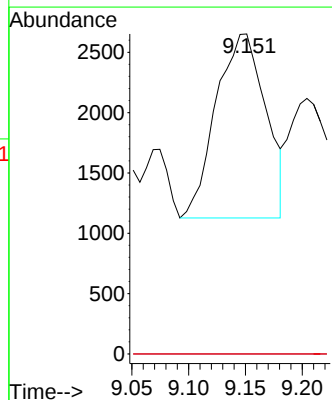
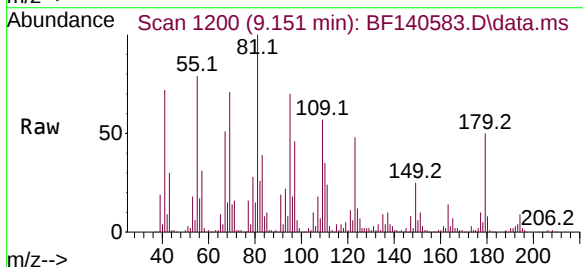
Tgt Ion:196 Resp: 4654

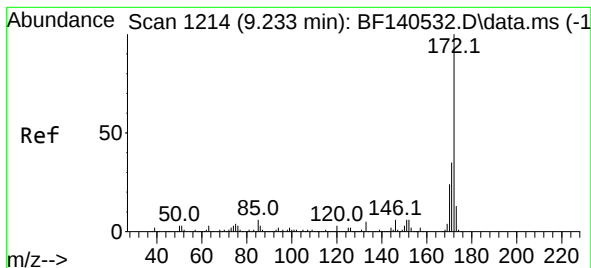
Ion Ratio Lower Upper

196 100

198 0.0 76.8 115.2#

200 0.0 24.3 36.5#





#45

2-Fluorobiphenyl

Concen: 62.885 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF140583.D

Acq: 22 Nov 2024 17:43

Instrument :

BNA_F

ClientSampleId :

72-11944

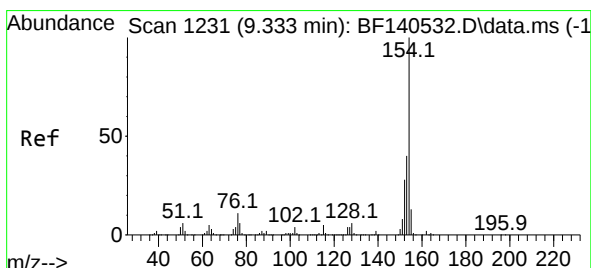
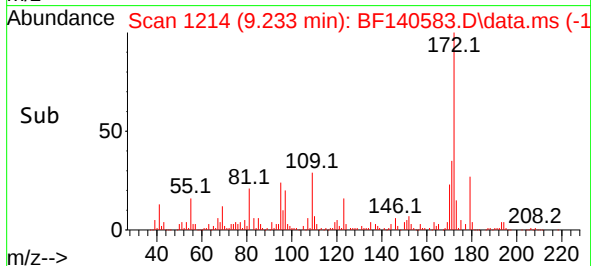
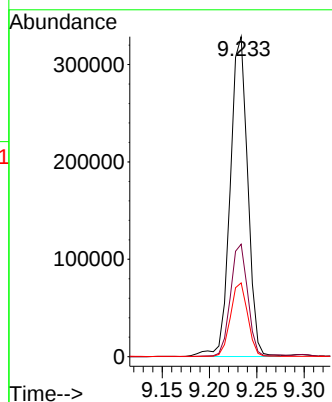
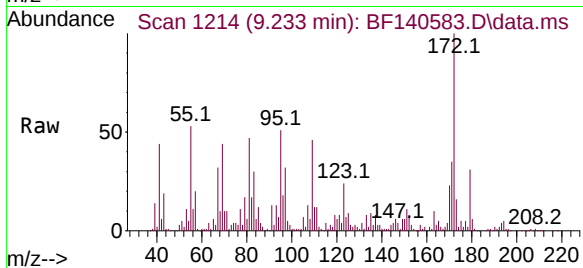
Tgt Ion:172 Resp: 422604

Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.0 19.0 28.6



#46

1,1'-Biphenyl

Concen: 2.393 ng

RT: 9.333 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF140583.D

Acq: 22 Nov 2024 17:43

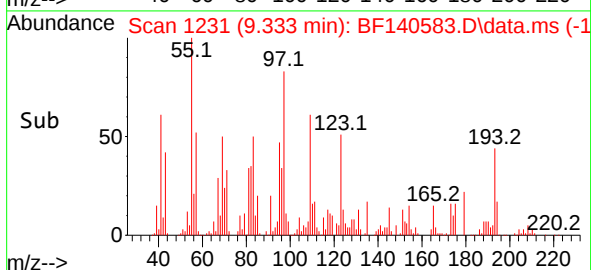
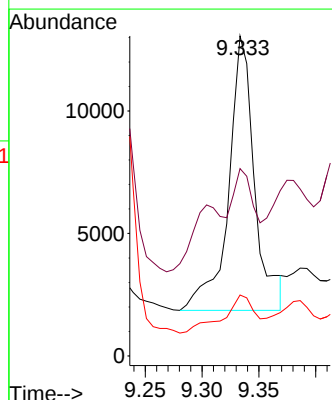
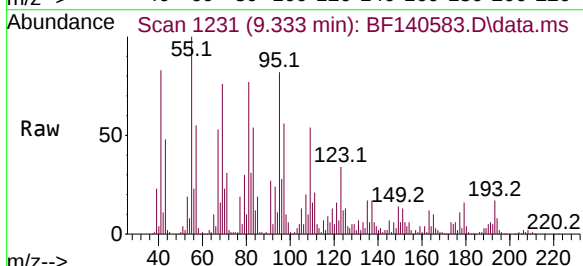
Tgt Ion:154 Resp: 17892

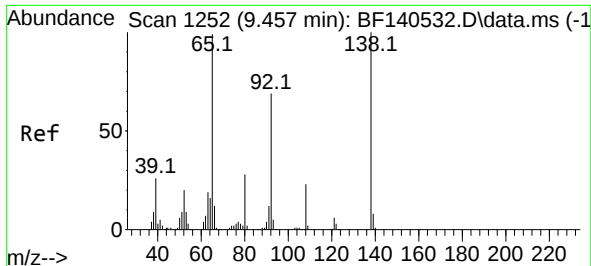
Ion Ratio Lower Upper

154 100

153 58.6 20.4 60.4

76 19.1 0.0 31.2

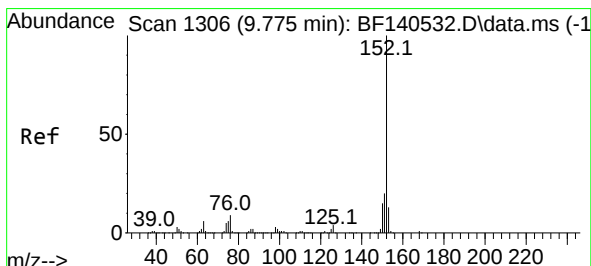
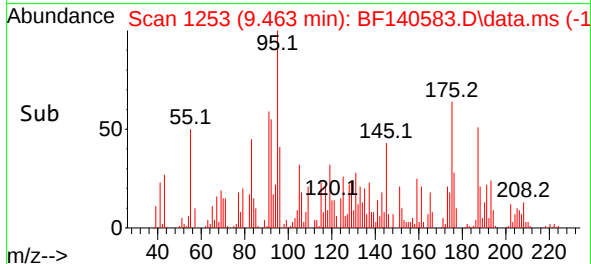
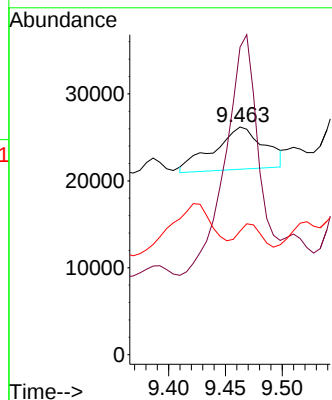
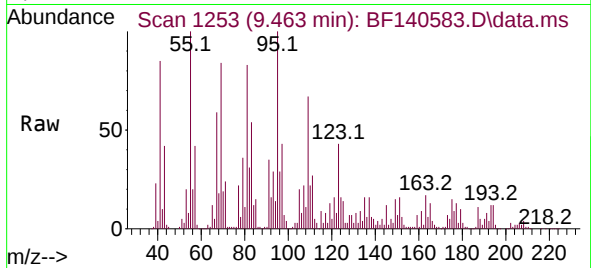




#48
2-Nitroaniline
Concen: 8.264 ng
RT: 9.463 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140583.D
Acq: 22 Nov 2024 17:43

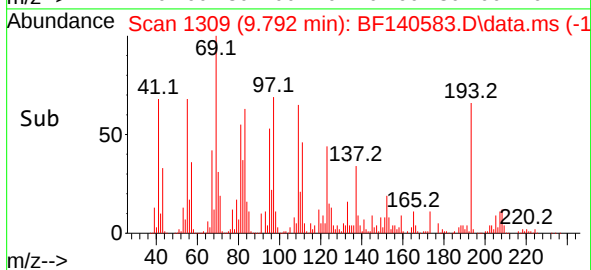
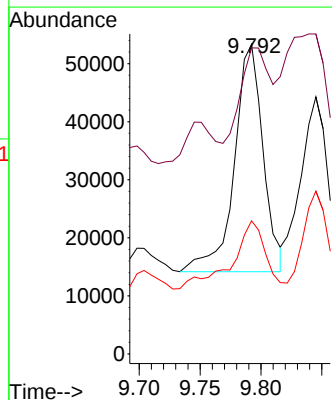
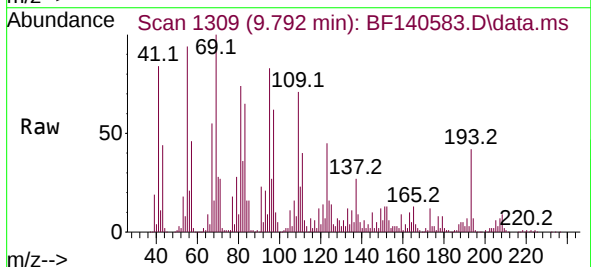
Instrument :
BNA_F
ClientSampleId :
72-11944

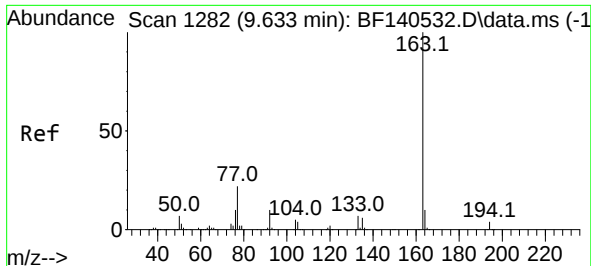
Tgt Ion: 65 Resp: 15026
Ion Ratio Lower Upper
65 100
92 135.0 56.1 84.1#
138 54.2 81.0 121.6#



#49
Acenaphthylene
Concen: 7.547 ng
RT: 9.792 min Scan# 1309
Delta R.T. 0.018 min
Lab File: BF140583.D
Acq: 22 Nov 2024 17:43

Tgt Ion: 152 Resp: 64594
Ion Ratio Lower Upper
152 100
151 98.9 15.9 23.9#
153 43.0 10.6 16.0#

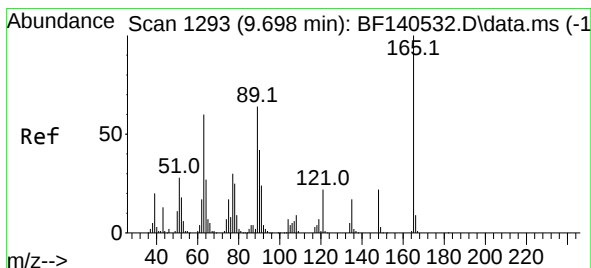
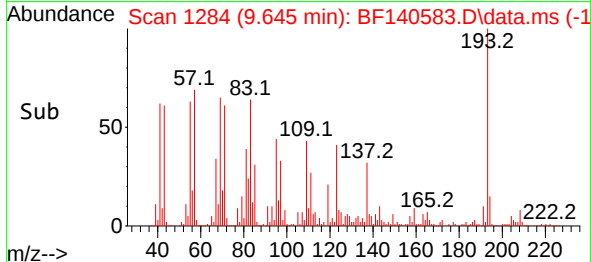
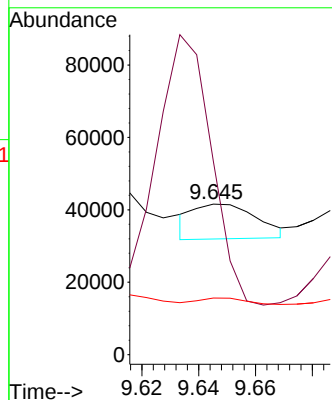
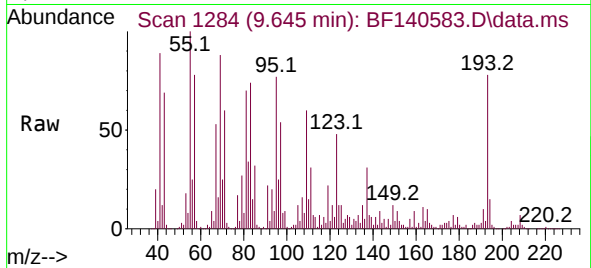




#50
Dimethylphthalate
Concen: 2.269 ng
RT: 9.645 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF140583.D
Acq: 22 Nov 2024 17:43

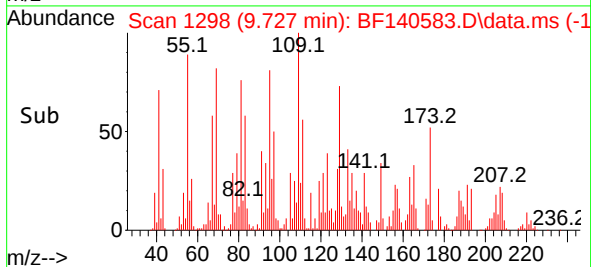
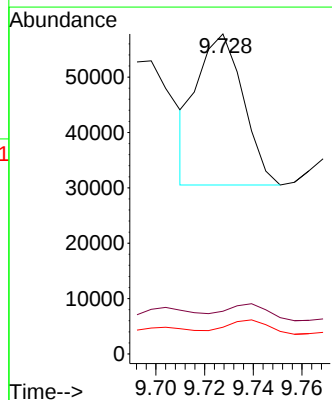
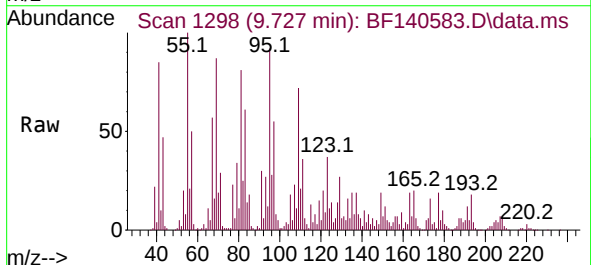
Instrument :
BNA_F
ClientSampleId :
72-11944

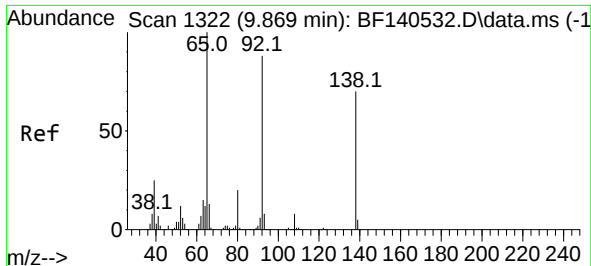
Tgt Ion:163 Resp: 14962
Ion Ratio Lower Upper
163 100
194 128.6 3.1 4.7#
164 37.7 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 23.888 ng
RT: 9.727 min Scan# 1298
Delta R.T. 0.029 min
Lab File: BF140583.D
Acq: 22 Nov 2024 17:43

Tgt Ion:165 Resp: 35726
Ion Ratio Lower Upper
165 100
63 13.4 49.9 74.9#
89 8.3 50.9 76.3#

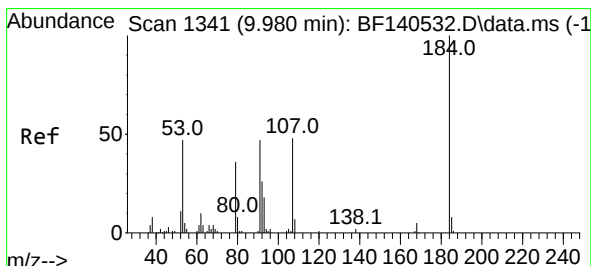
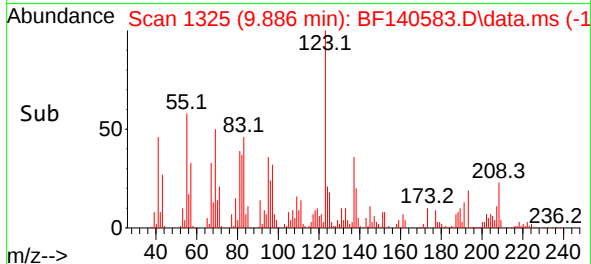
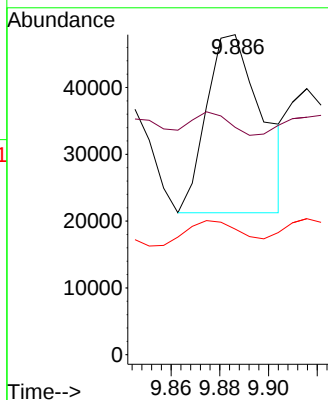
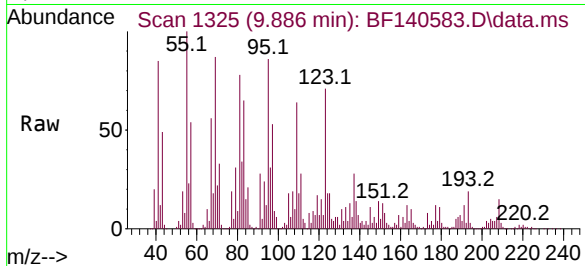




#53
3-Nitroaniline
Concen: 28.824 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF140583.D
Acq: 22 Nov 2024 17:43

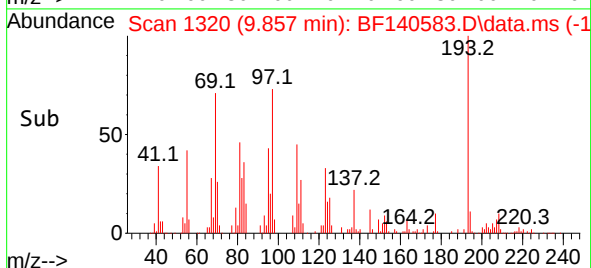
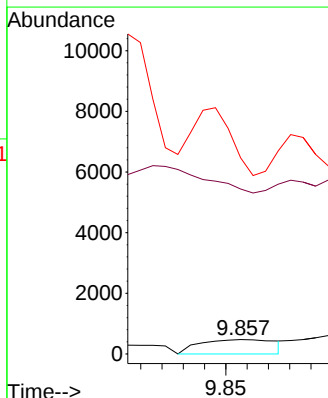
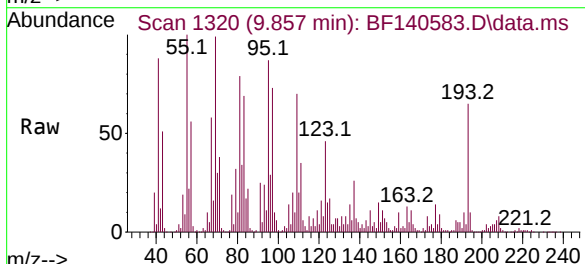
Instrument :
BNA_F
ClientSampleId :
72-11944

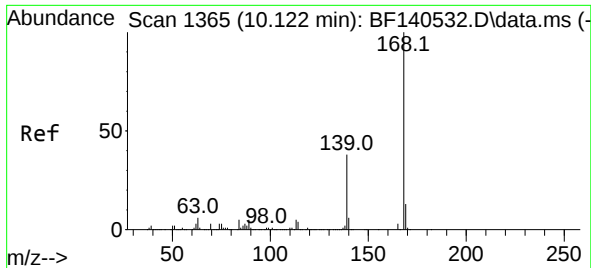
Tgt Ion:138 Resp: 42162
Ion Ratio Lower Upper
138 100
108 71.0 9.2 13.8#
92 39.3 100.6 150.8#



#54
2,4-Dinitrophenol
Concen: 9.193 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.123 min
Lab File: BF140583.D
Acq: 22 Nov 2024 17:43

Tgt Ion:184 Resp: 1176
Ion Ratio Lower Upper
184 100
63 1147.3 54.1 81.1#
154 1365.2 57.4 86.0#

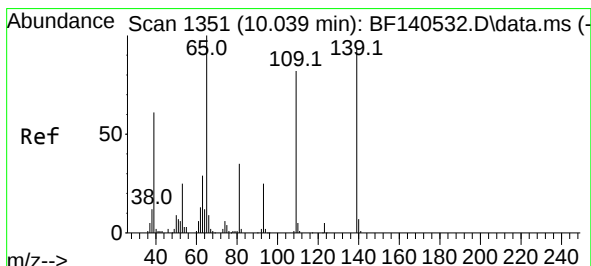
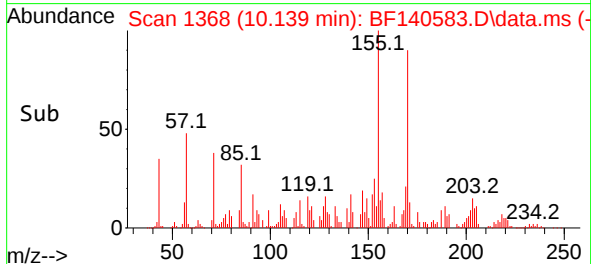
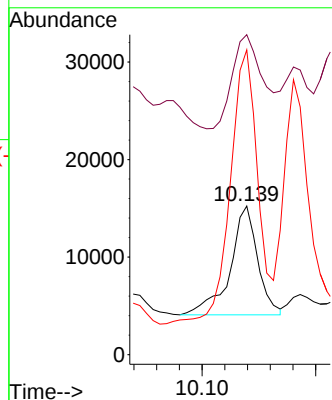
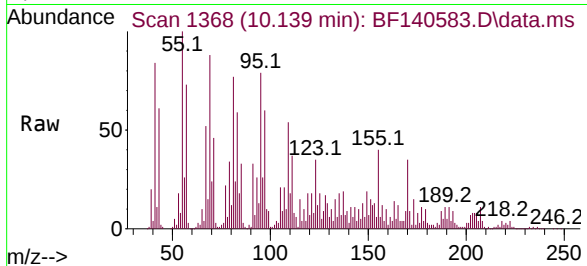




#55
Dibenzofuran
Concen: 2.265 ng
RT: 10.139 min Scan# 1368
Delta R.T. 0.018 min
Lab File: BF140583.D
Acq: 22 Nov 2024 17:43

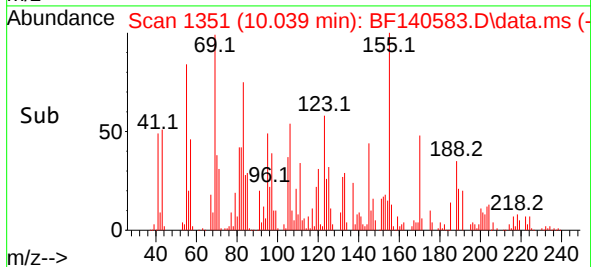
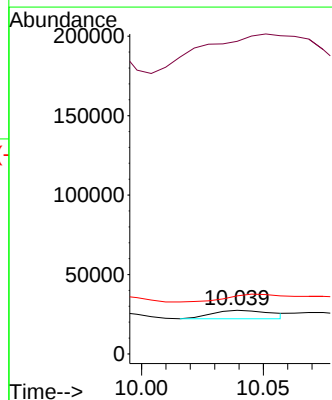
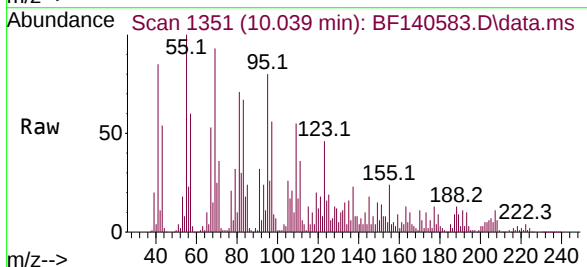
Instrument :
BNA_F
ClientSampleId :
72-11944

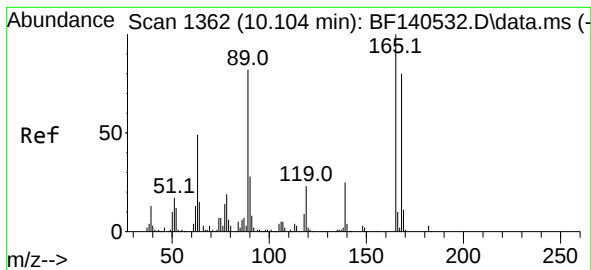
Tgt Ion:168 Resp: 18786
Ion Ratio Lower Upper
168 100
139 215.2 31.3 46.9#
169 205.0 10.5 15.7#



#56
4-Nitrophenol
Concen: 9.052 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF140583.D
Acq: 22 Nov 2024 17:43

Tgt Ion:139 Resp: 9030
Ion Ratio Lower Upper
139 100
109 716.1 68.4 108.4#
65 133.1 88.6 128.6#

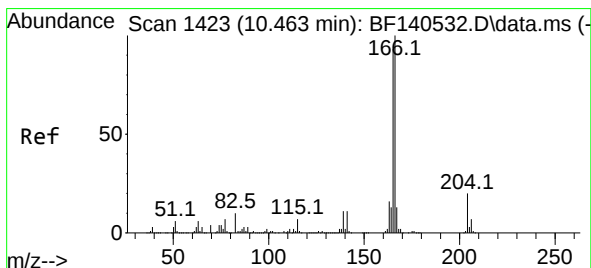
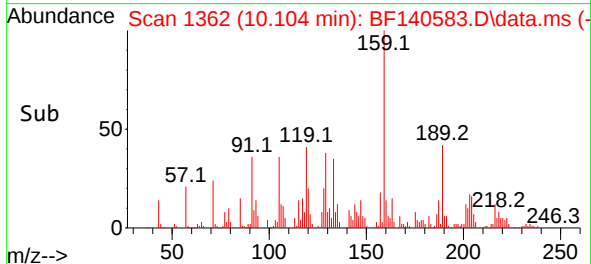
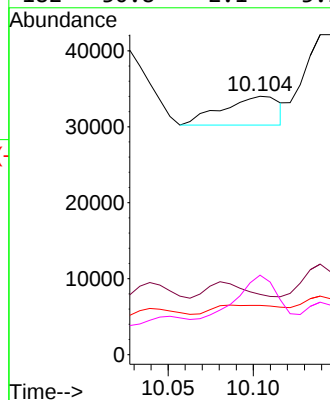
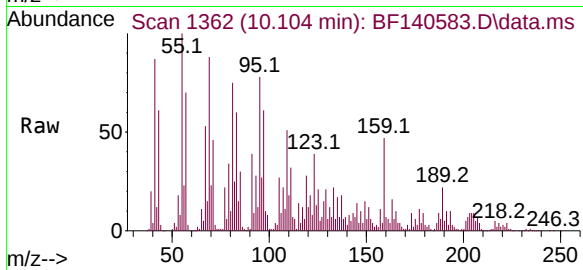




#57
2,4-Dinitrotoluene
Concen: 4.415 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF140583.D
Acq: 22 Nov 2024 17:43

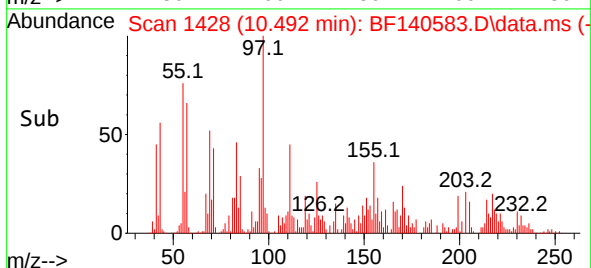
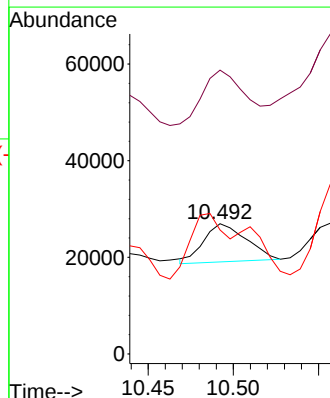
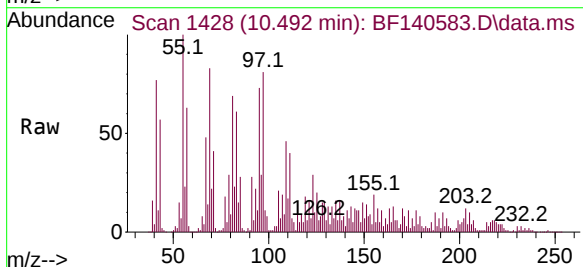
Instrument :
BNA_F
ClientSampleId :
72-11944

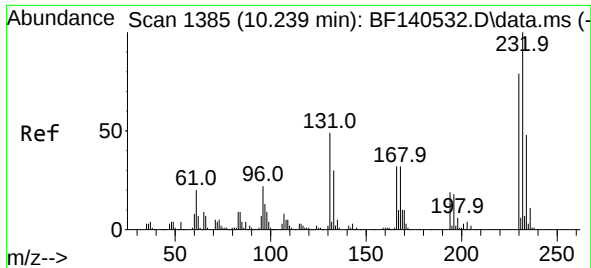
Tgt Ion:165 Resp: 8775
Ion Ratio Lower Upper
165 100
63 23.3 41.7 62.5#
89 19.1 65.8 98.8#
182 30.8 2.1 3.1#



#58
Fluorene
Concen: 2.073 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.029 min
Lab File: BF140583.D
Acq: 22 Nov 2024 17:43

Tgt Ion:166 Resp: 13803
Ion Ratio Lower Upper
166 100
165 218.0 74.6 111.8#
167 95.3 10.6 16.0#

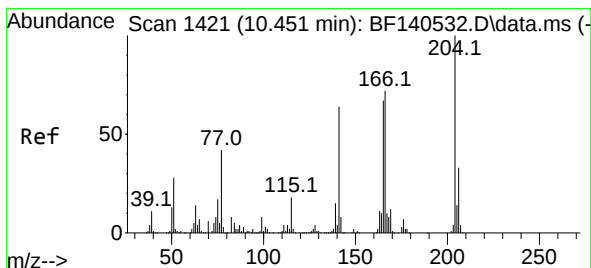
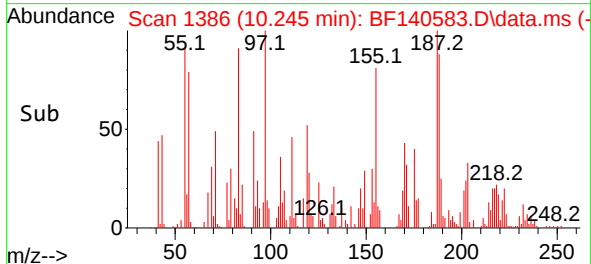
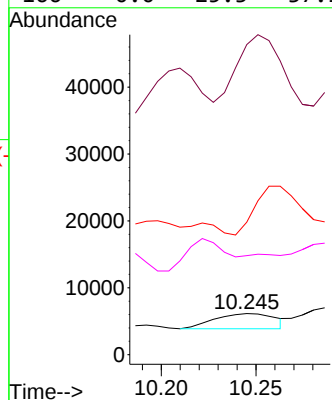
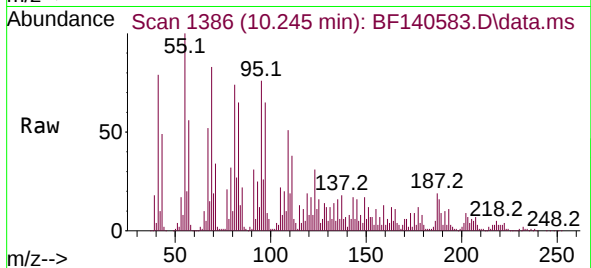




#59
2,3,4,6-Tetrachlorophenol
Concen: 3.273 ng
RT: 10.245 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF140583.D
Acq: 22 Nov 2024 17:43

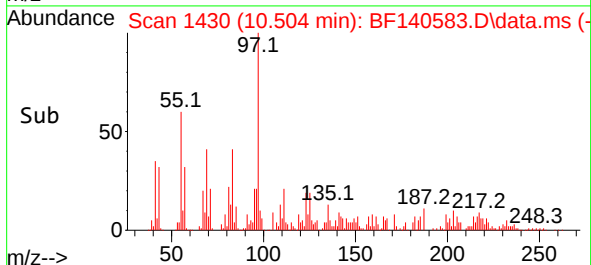
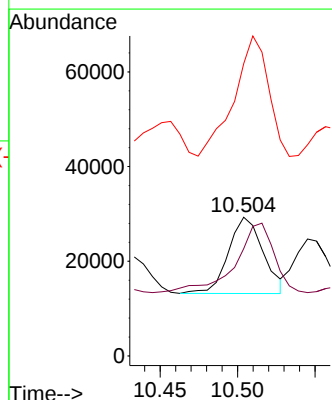
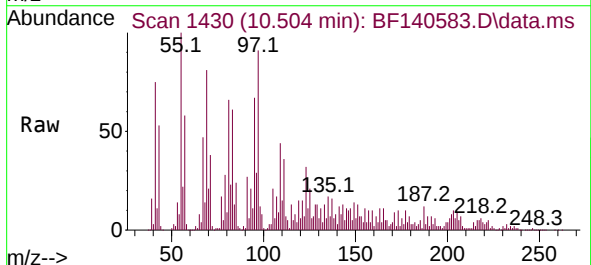
Instrument :
BNA_F
ClientSampleId :
72-11944

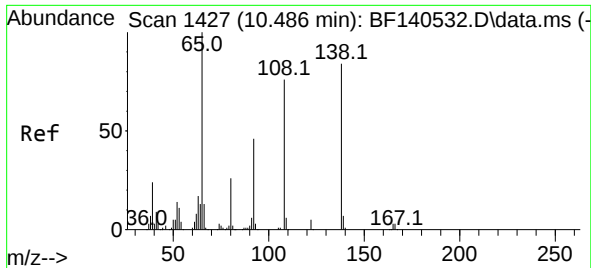
Tgt Ion:232 Resp: 5021
Ion Ratio Lower Upper
232 100
131 376.5 39.6 59.4#
130 250.3 1.9 2.9#
166 0.0 25.3 37.9#



#61
4-Chlorophenyl-phenylether
Concen: 7.693 ng
RT: 10.504 min Scan# 1430
Delta R.T. 0.053 min
Lab File: BF140583.D
Acq: 22 Nov 2024 17:43

Tgt Ion:204 Resp: 25137
Ion Ratio Lower Upper
204 100
206 77.4 26.6 40.0#
141 210.8 51.1 76.7#

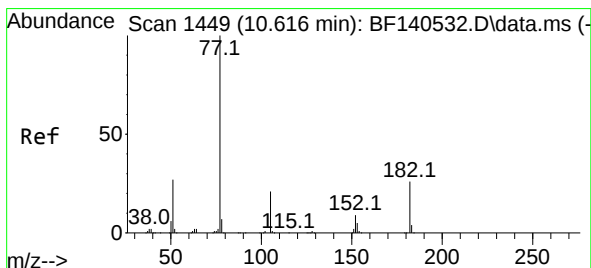
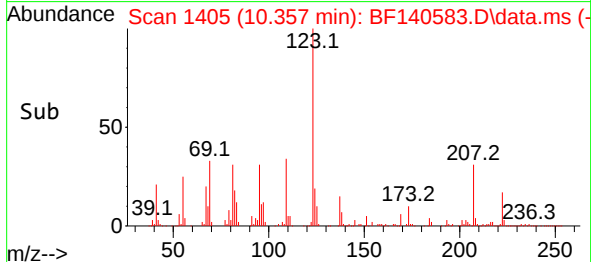
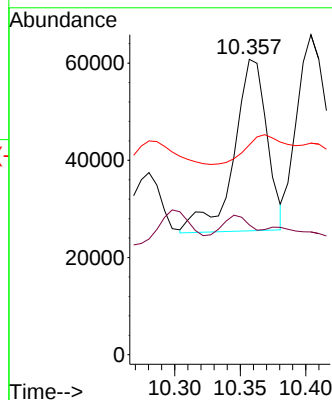
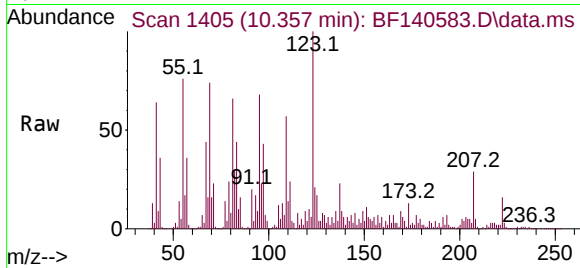




#62
4-Nitroaniline
Concen: 40.549 ng
RT: 10.357 min Scan# 1427
Delta R.T. -0.129 min
Lab File: BF140583.D
Acq: 22 Nov 2024 17:43

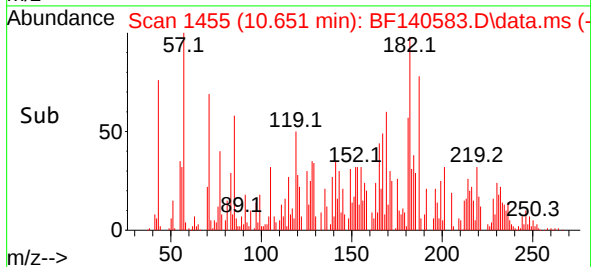
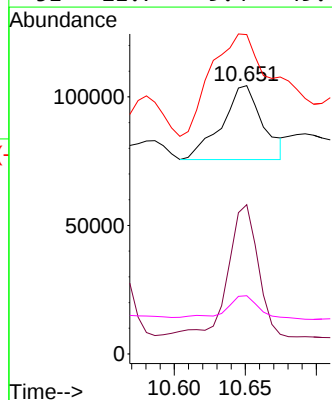
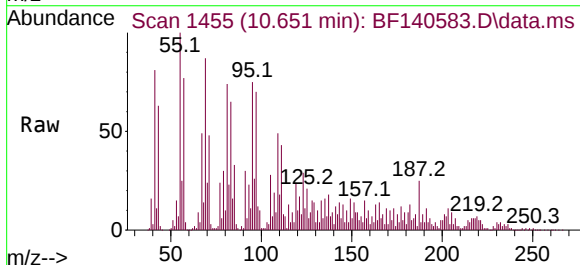
Instrument :
BNA_F
ClientSampleId :
72-11944

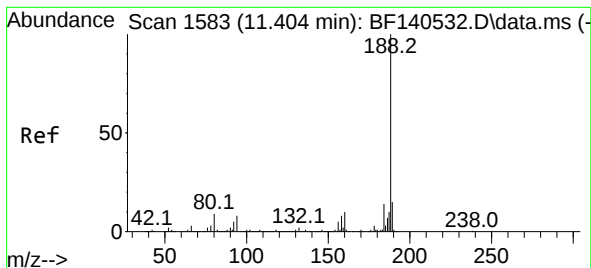
Tgt Ion:138 Resp: 62208
Ion Ratio Lower Upper
138 100
92 43.9 34.5 74.5
108 71.0 70.6 110.6



#63
Azobenzene
Concen: 9.051 ng
RT: 10.651 min Scan# 1455
Delta R.T. 0.035 min
Lab File: BF140583.D
Acq: 22 Nov 2024 17:43

Tgt Ion: 77 Resp: 57427
Ion Ratio Lower Upper
77 100
182 55.6 5.3 45.3#
105 119.0 0.3 40.3#
51 21.7 9.4 49.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140583.D

Acq: 22 Nov 2024 17:43

Instrument :

BNA_F

ClientSampleId :

72-11944

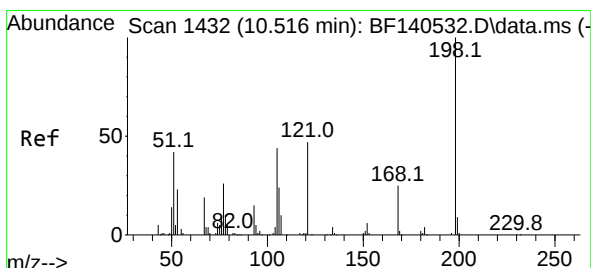
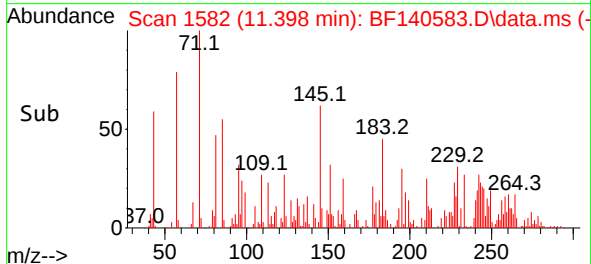
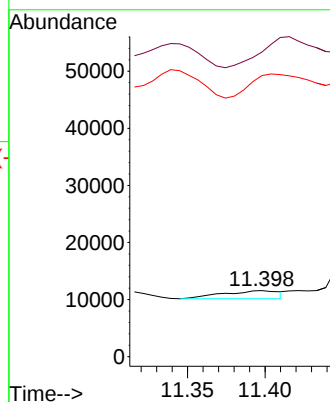
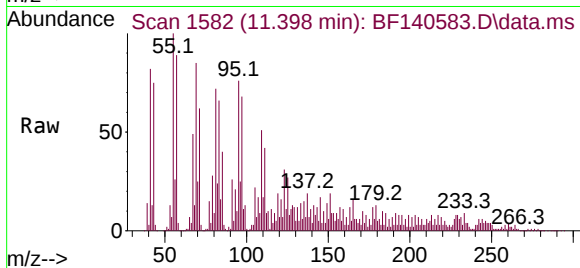
Tgt Ion:188 Resp: 3627

Ion Ratio Lower Upper

188 100

94 460.4 6.4 9.6#

80 424.9 6.9 10.3#



#65

4,6-Dinitro-2-methylphenol

Concen: 670.978 ng

RT: 10.486 min Scan# 1427

Delta R.T. -0.030 min

Lab File: BF140583.D

Acq: 22 Nov 2024 17:43

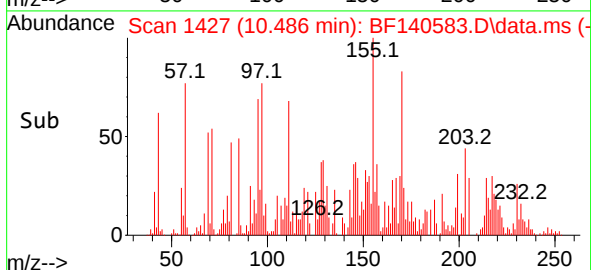
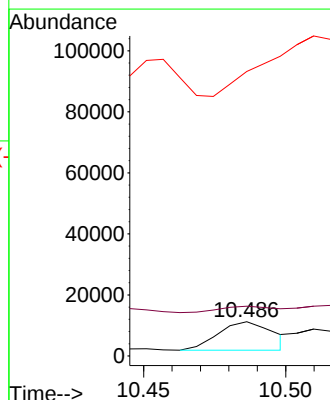
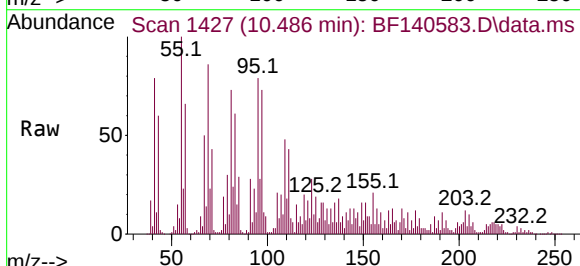
Tgt Ion:198 Resp: 12436

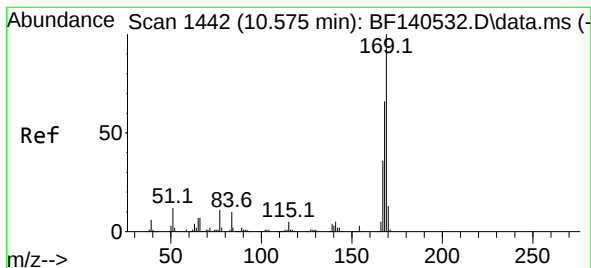
Ion Ratio Lower Upper

198 100

51 145.1 29.4 69.4#

105 829.0 25.4 65.4#

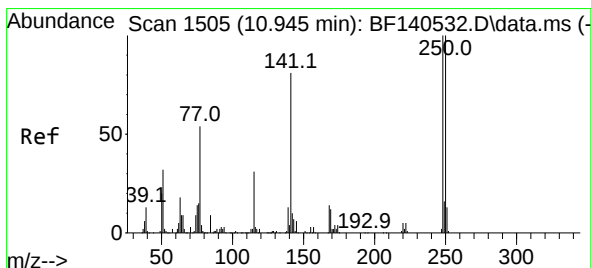
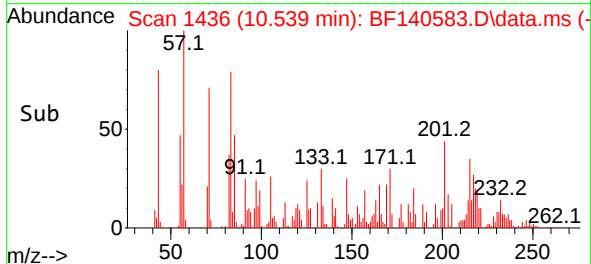
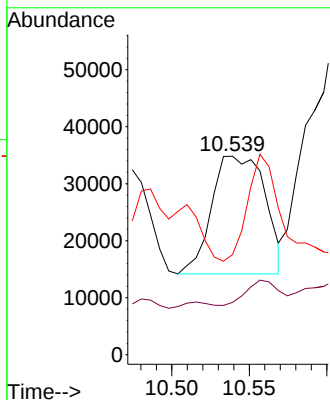
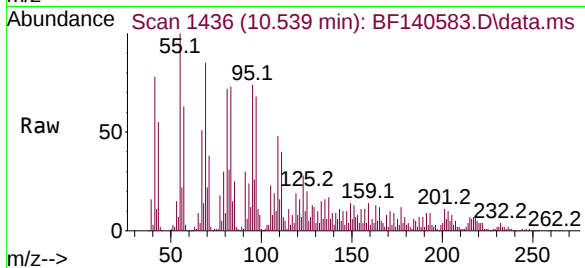




#66
n-Nitrosodiphenylamine
Concen: 461.263 ng
RT: 10.539 min Scan# 1442
Delta R.T. -0.035 min
Lab File: BF140583.D
Acq: 22 Nov 2024 17:43

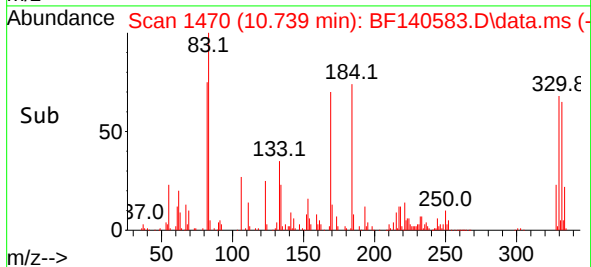
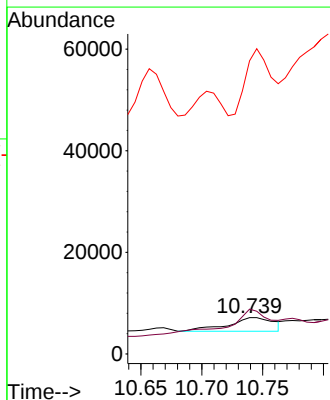
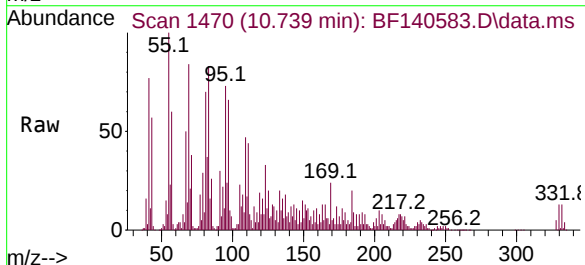
Instrument :
BNA_F
ClientSampleId :
72-11944

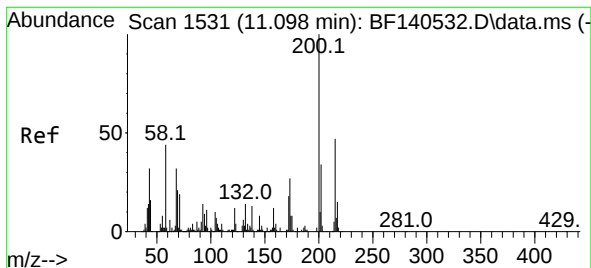
Tgt Ion:169 Resp: 49475
Ion Ratio Lower Upper
169 100
168 26.4 53.2 79.8#
167 50.5 29.0 43.6#



#67
4-Bromophenyl-phenylether
Concen: 187.163 ng
RT: 10.739 min Scan# 1470
Delta R.T. -0.206 min
Lab File: BF140583.D
Acq: 22 Nov 2024 17:43

Tgt Ion:248 Resp: 6991
Ion Ratio Lower Upper
248 100
250 123.0 79.8 119.8#
141 805.6 64.7 97.1#





#69

Atrazine

Concen: 85.338 ng

RT: 11.122 min Scan# 1

Delta R.T. 0.023 min

Lab File: BF140583.D

Acq: 22 Nov 2024 17:43

Instrument :

BNA_F

ClientSampleId :

72-11944

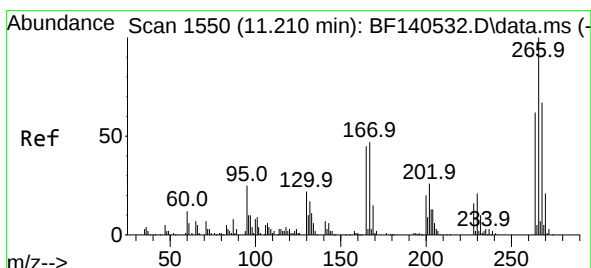
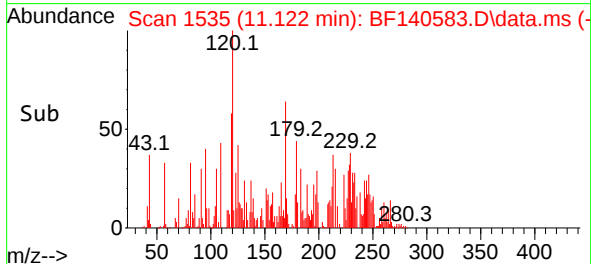
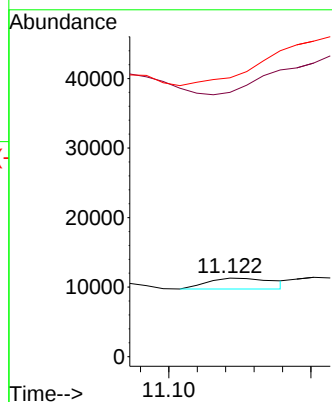
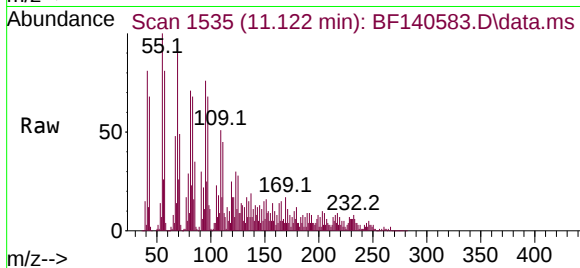
Tgt Ion:200 Resp: 2575

Ion Ratio Lower Upper

200 100

173 336.4 7.0 47.0#

215 354.9 26.7 66.7#



#70

Pentachlorophenol

Concen: 1559.235 ng

RT: 11.104 min Scan# 1532

Delta R.T. -0.106 min

Lab File: BF140583.D

Acq: 22 Nov 2024 17:43

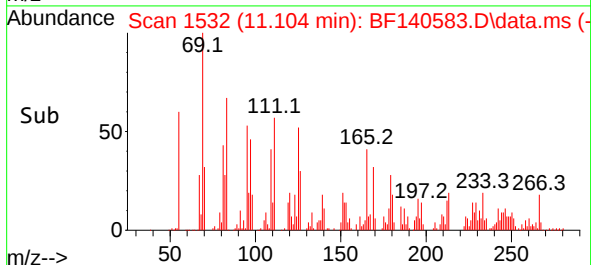
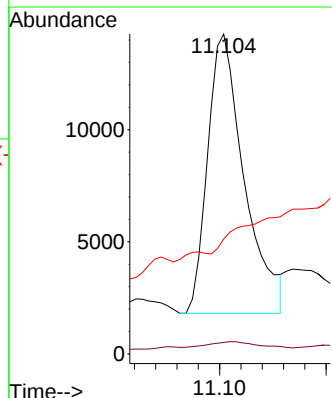
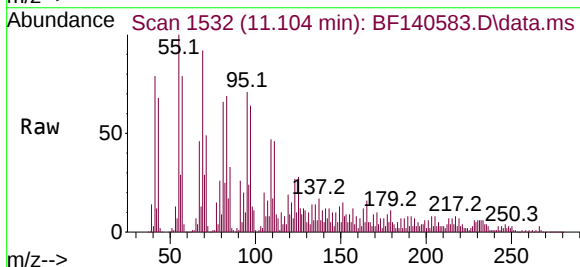
Tgt Ion:266 Resp: 29681

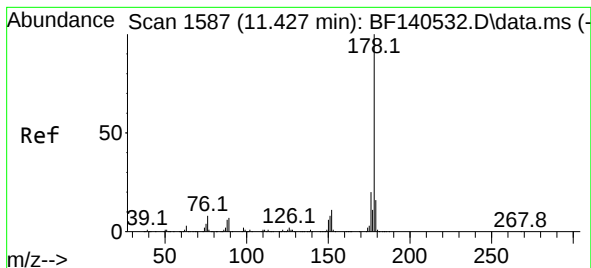
Ion Ratio Lower Upper

266 100

268 3.6 53.7 80.5#

264 35.9 49.8 74.8#





#71

Phenanthrene

Concen: 67.710 ng

RT: 11.386 min Scan# 1580

Delta R.T. -0.041 min

Lab File: BF140583.D

Acq: 22 Nov 2024 17:43

Instrument :

BNA_F

ClientSampleId :

72-11944

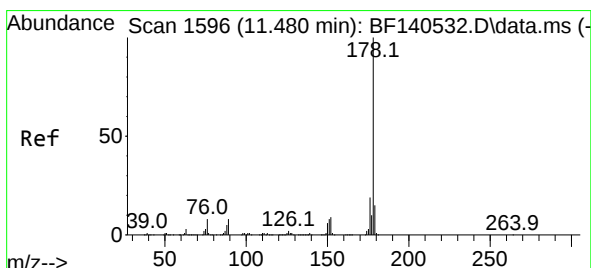
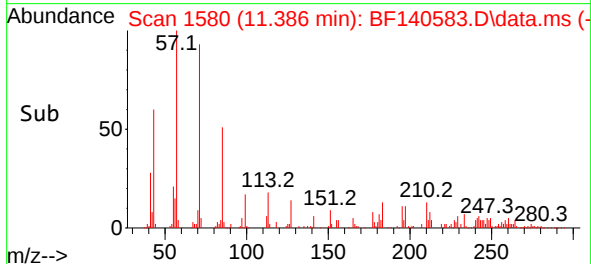
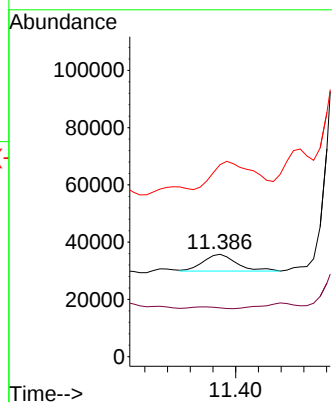
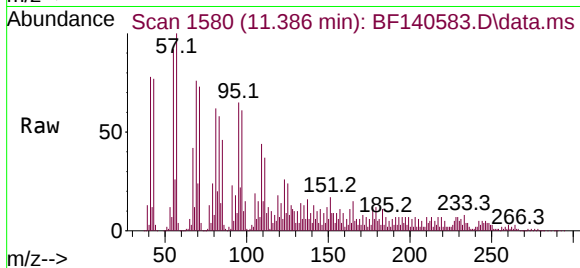
Tgt Ion:178 Resp: 11805

Ion Ratio Lower Upper

178 100

176 47.8 15.8 23.6#

179 187.6 12.4 18.6#



#72

Anthracene

Concen: 1133.397 ng

RT: 11.498 min Scan# 1599

Delta R.T. 0.018 min

Lab File: BF140583.D

Acq: 22 Nov 2024 17:43

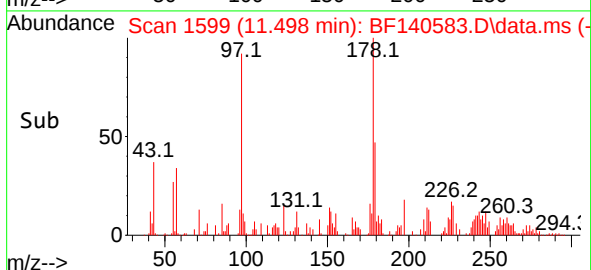
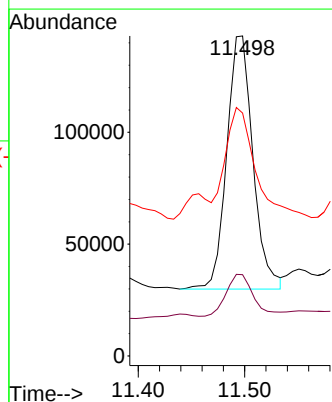
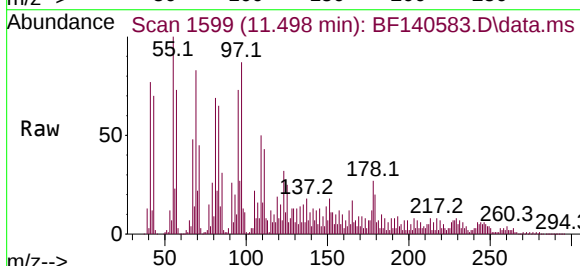
Tgt Ion:178 Resp: 193294

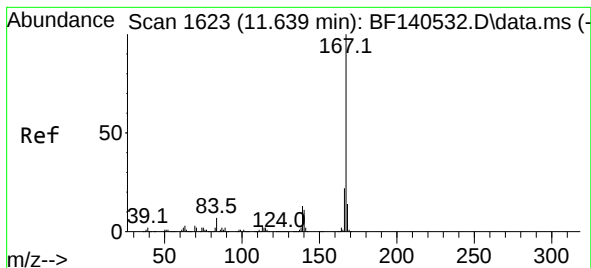
Ion Ratio Lower Upper

178 100

176 25.4 15.0 22.4#

179 75.9 12.2 18.4#





#73

Carbazole

Concen: 32.652 ng

RT: 11.651 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF140583.D

Acq: 22 Nov 2024 17:43

Instrument :

BNA_F

ClientSampleId :

72-11944

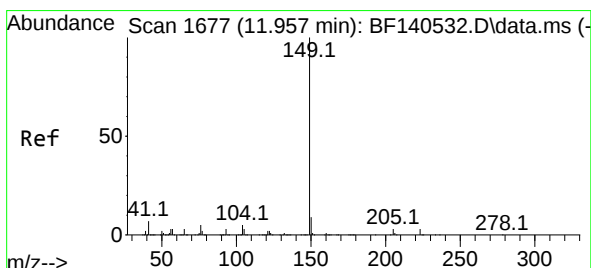
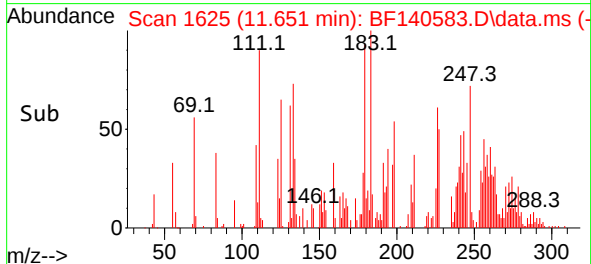
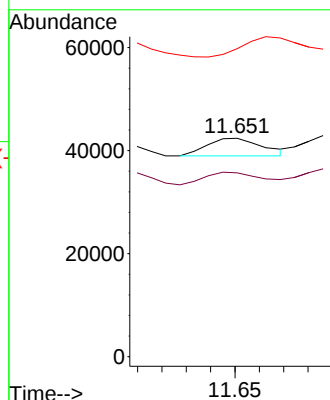
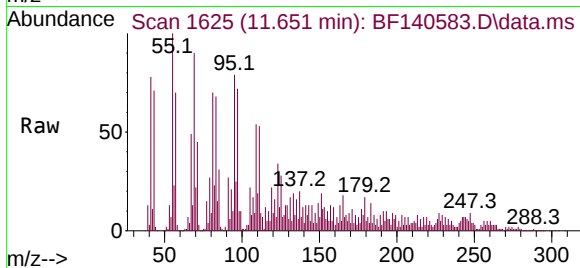
Tgt Ion:167 Resp: 5357

Ion Ratio Lower Upper

167 100

166 84.2 17.2 25.8#

139 141.0 10.6 15.8#



#74

Di-n-butylphthalate

Concen: 95.306 ng

RT: 11.969 min Scan# 1679

Delta R.T. 0.012 min

Lab File: BF140583.D

Acq: 22 Nov 2024 17:43

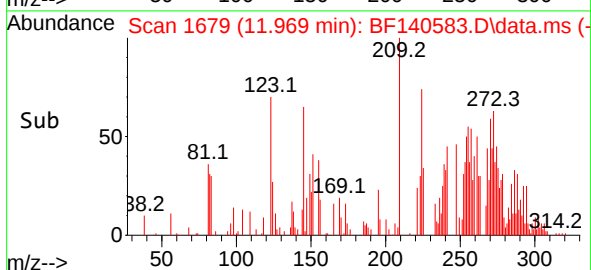
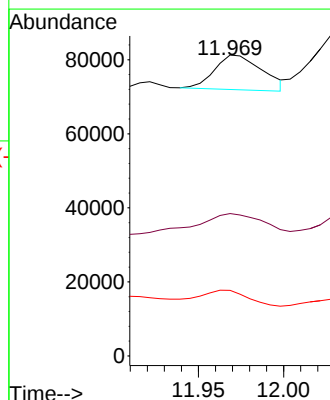
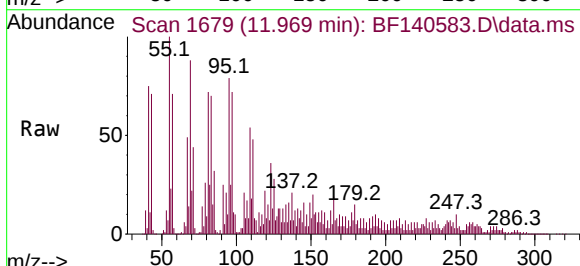
Tgt Ion:149 Resp: 18052

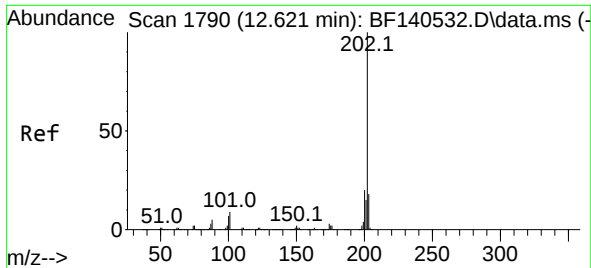
Ion Ratio Lower Upper

149 100

150 47.3 7.5 11.3#

104 21.8 4.1 6.1#

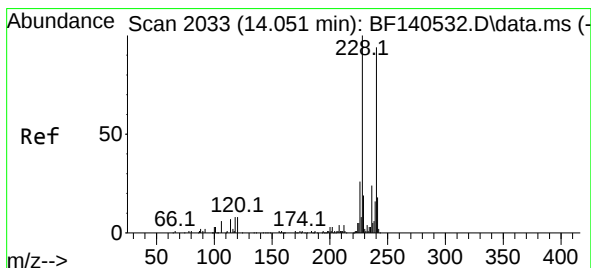
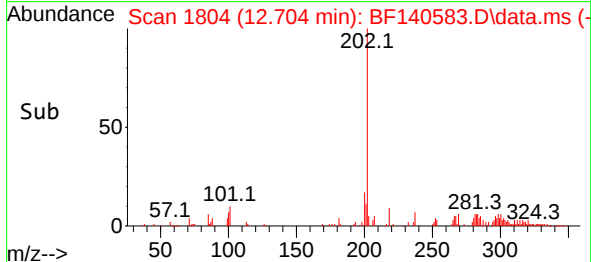
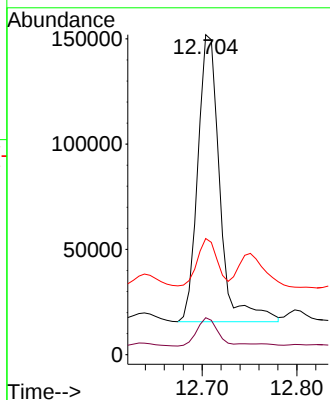
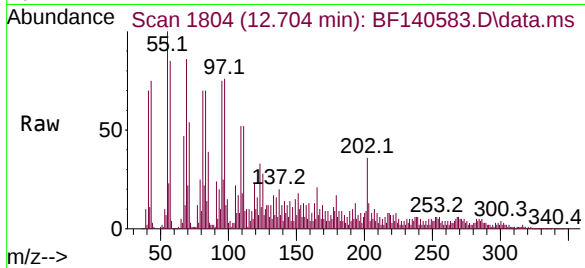




#75
Fluoranthene
Concen: 1162.485 ng
RT: 12.704 min Scan# 11
Delta R.T. 0.082 min
Lab File: BF140583.D
Acq: 22 Nov 2024 17:43

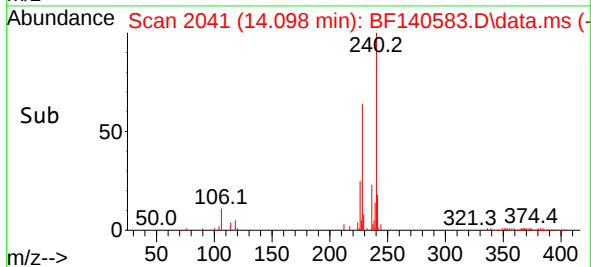
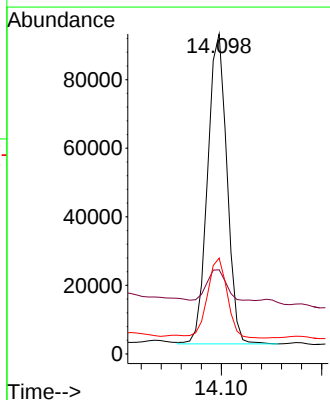
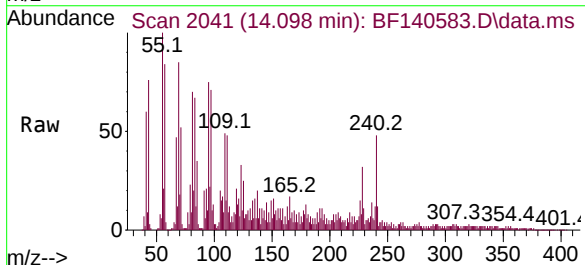
Instrument :
BNA_F
ClientSampleId :
72-11944

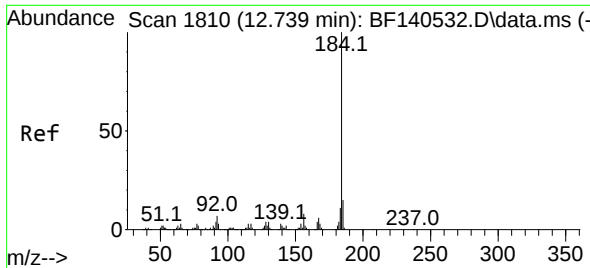
Tgt Ion:202 Resp: 220053
Ion Ratio Lower Upper
202 100
101 11.6 0.0 28.9
203 36.3 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2041
Delta R.T. 0.047 min
Lab File: BF140583.D
Acq: 22 Nov 2024 17:43

Tgt Ion:240 Resp: 120763
Ion Ratio Lower Upper
240 100
120 26.3 7.3 10.9#
236 29.9 20.6 31.0

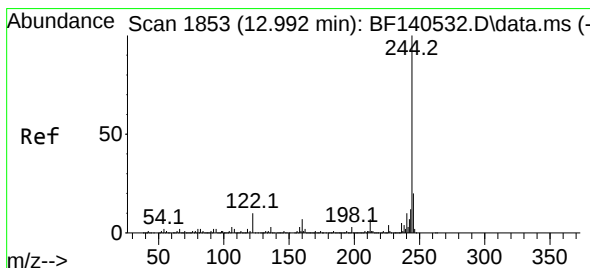
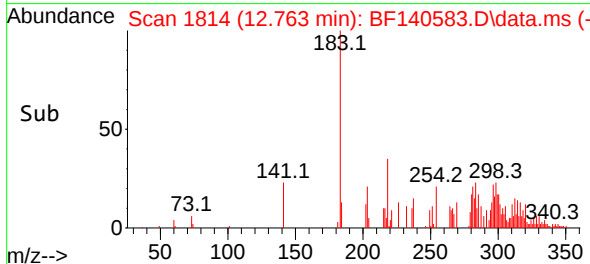
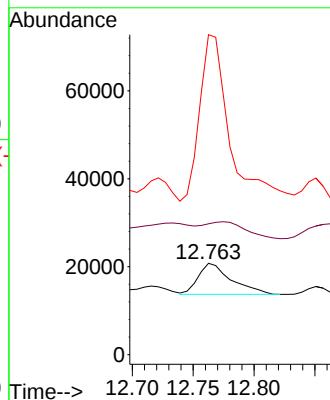
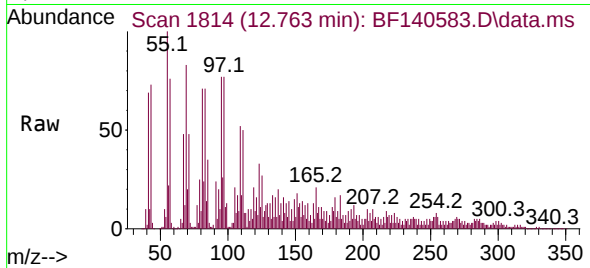




#77
Benzidine
Concen: 3.787 ng
RT: 12.763 min Scan# 1814
Delta R.T. 0.024 min
Lab File: BF140583.D
Acq: 22 Nov 2024 17:43

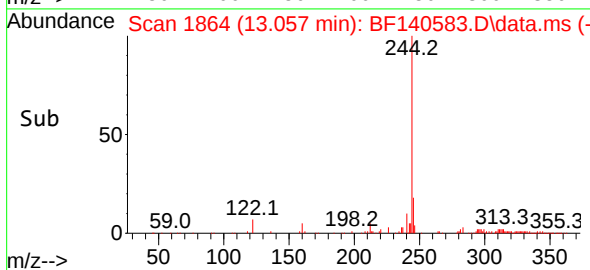
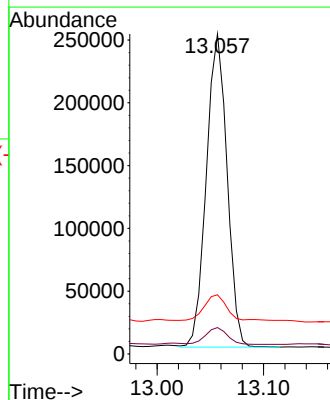
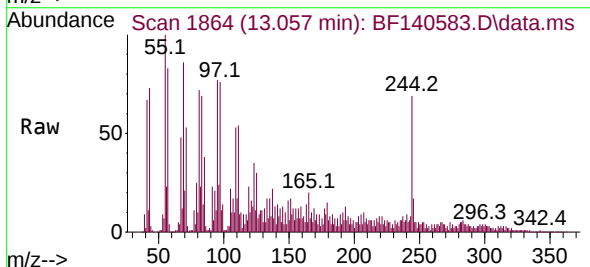
Instrument :
BNA_F
ClientSampleId :
72-11944

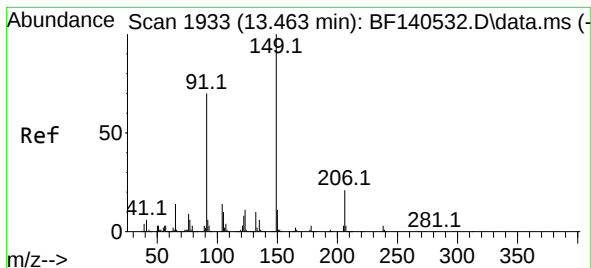
Tgt Ion:184 Resp: 13295
Ion Ratio Lower Upper
184 100
185 143.4 11.7 17.5#
183 350.3 8.8 13.2#



#79
Terphenyl-d14
Concen: 43.542 ng
RT: 13.057 min Scan# 1864
Delta R.T. 0.065 min
Lab File: BF140583.D
Acq: 22 Nov 2024 17:43

Tgt Ion:244 Resp: 337687
Ion Ratio Lower Upper
244 100
212 8.3 5.8 8.8
122 18.5 8.0 12.0#





#80

Butylbenzylphthalate

Concen: 2.726 ng

RT: 13.627 min Scan# 1933

Delta R.T. 0.165 min

Lab File: BF140583.D

Acq: 22 Nov 2024 17:43

Instrument :

BNA_F

ClientSampleId :

72-11944

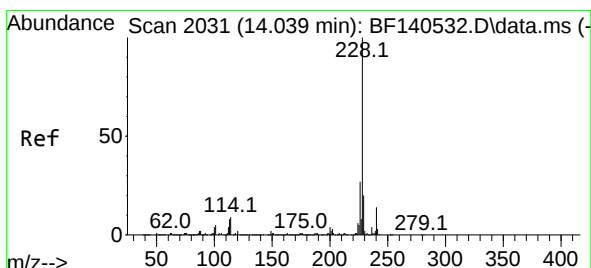
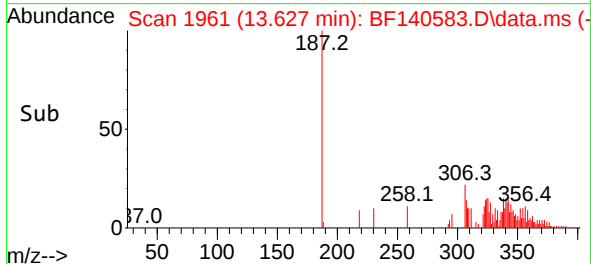
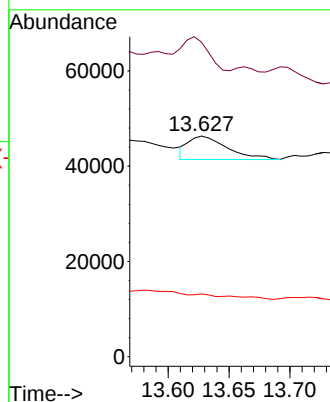
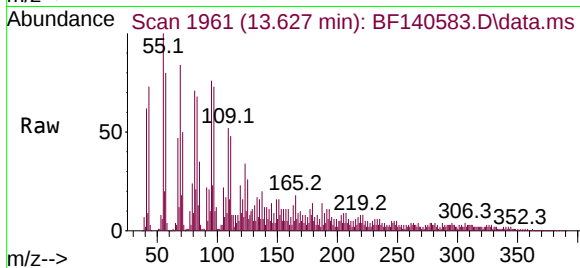
Tgt Ion:149 Resp: 10965

Ion Ratio Lower Upper

149 100

91 142.6 56.2 84.2#

206 28.4 16.4 24.6#



#81

Benzo(a)anthracene

Concen: 19.366 ng

RT: 14.086 min Scan# 2039

Delta R.T. 0.047 min

Lab File: BF140583.D

Acq: 22 Nov 2024 17:43

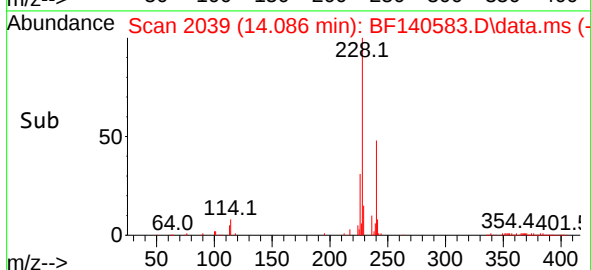
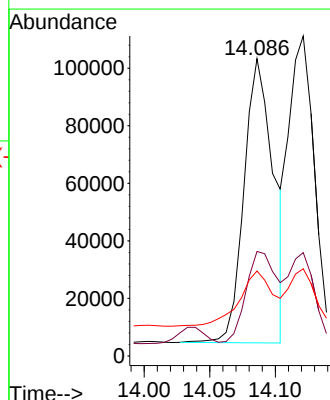
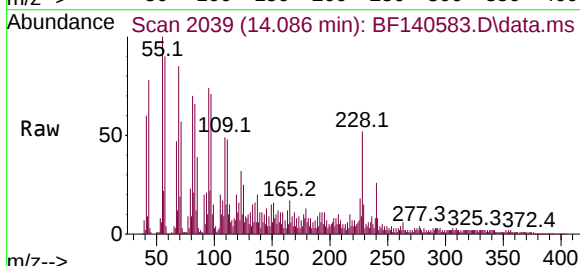
Tgt Ion:228 Resp: 154815

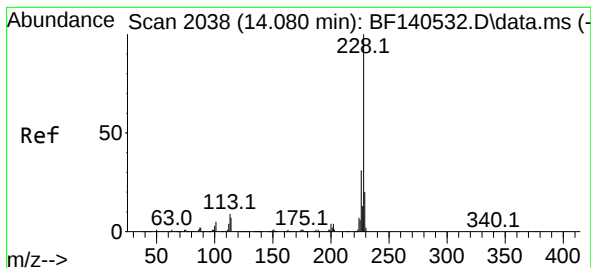
Ion Ratio Lower Upper

228 100

226 35.1 21.8 32.8#

229 28.6 15.8 23.6#





#83

Chrysene

Concen: 19.682 ng

RT: 14.121 min Scan# 2038

Delta R.T. 0.041 min

Lab File: BF140583.D

Acq: 22 Nov 2024 17:43

Instrument :

BNA_F

ClientSampleId :

72-11944

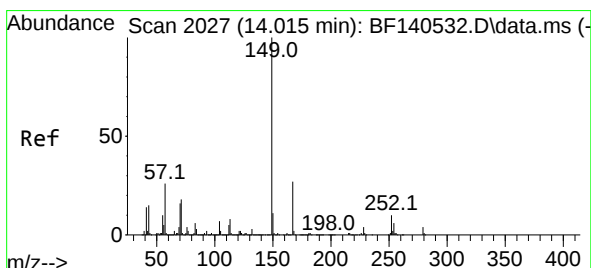
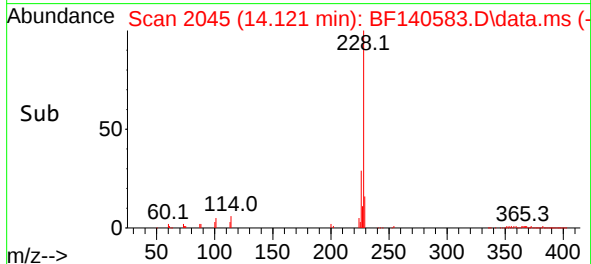
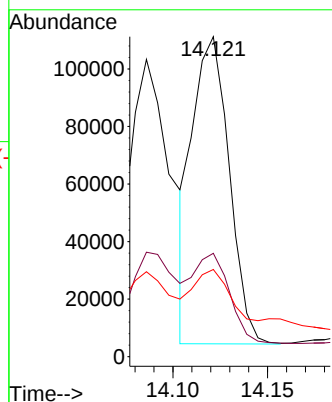
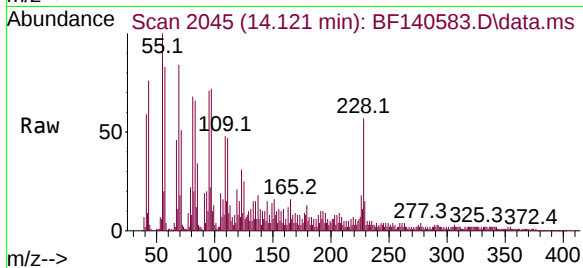
Tgt Ion:228 Resp: 143872

Ion Ratio Lower Upper

228 100

226 32.3 24.4 36.6

229 27.3 15.8 23.6#



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.752 ng

RT: 14.045 min Scan# 2032

Delta R.T. 0.029 min

Lab File: BF140583.D

Acq: 22 Nov 2024 17:43

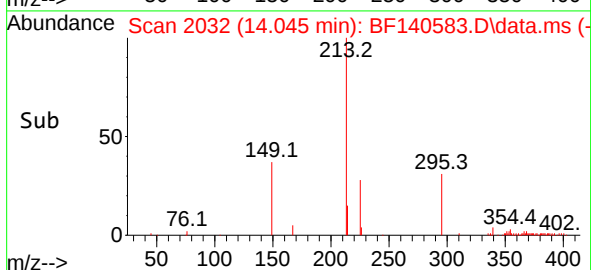
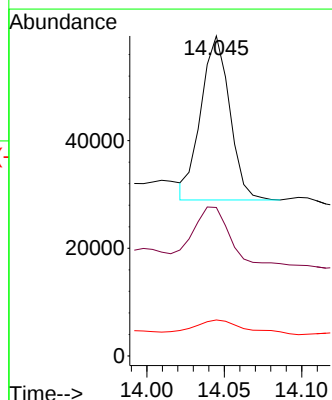
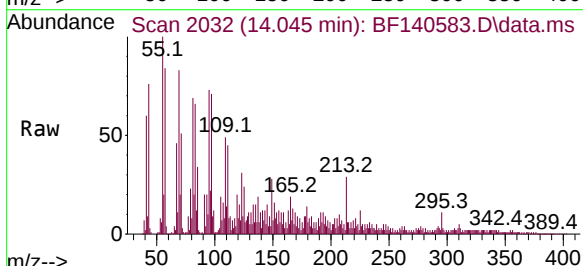
Tgt Ion:149 Resp: 39373

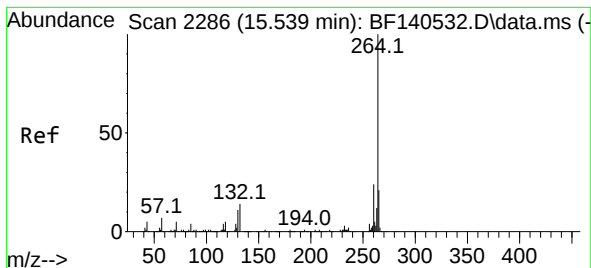
Ion Ratio Lower Upper

149 100

167 46.4 21.2 31.8#

279 11.3 3.2 4.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 21

Delta R.T. 0.023 min

Lab File: BF140583.D

Acq: 22 Nov 2024 17:43

Instrument :

BNA_F

ClientSampleId :

72-11944

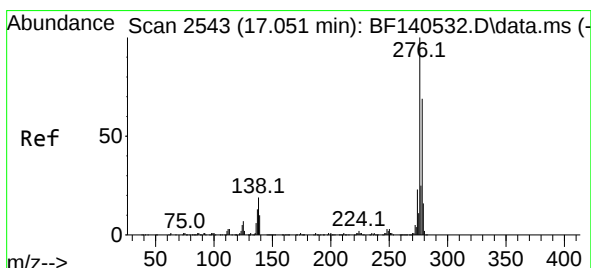
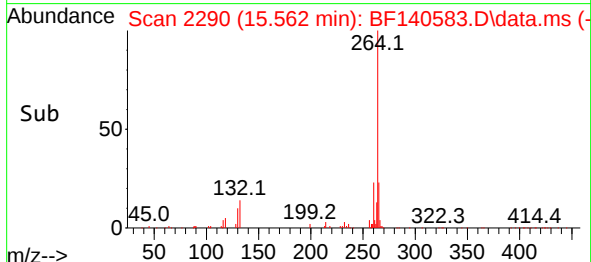
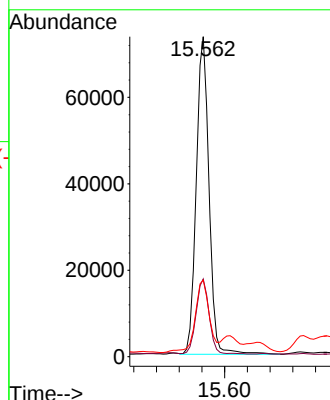
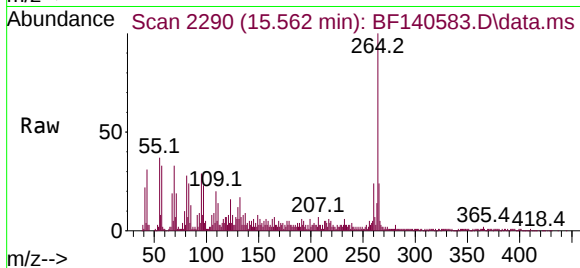
Tgt Ion:264 Resp: 114925

Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.6

265 23.9 16.6 25.0



#87

Indeno(1,2,3-cd)pyrene

Concen: 13.446 ng

RT: 17.051 min Scan# 2543

Delta R.T. -0.000 min

Lab File: BF140583.D

Acq: 22 Nov 2024 17:43

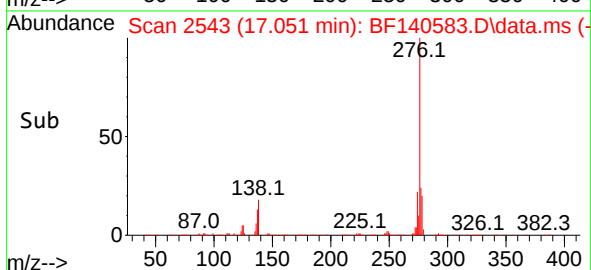
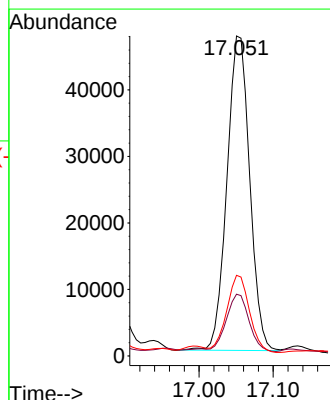
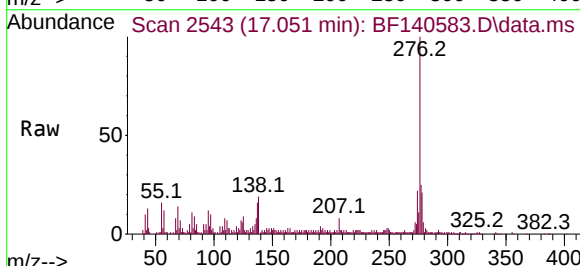
Tgt Ion:276 Resp: 100704

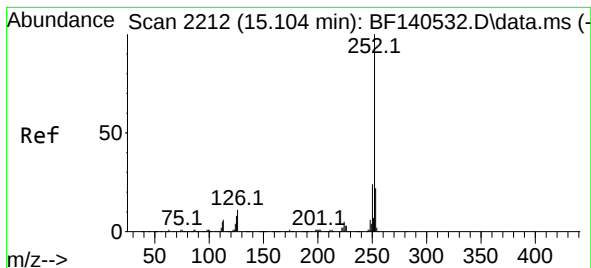
Ion Ratio Lower Upper

276 100

138 18.8 15.5 23.3

277 24.7 20.1 30.1





#88

Benzo(b)fluoranthene

Concen: 43.554 ng

RT: 15.133 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF140583.D

Acq: 22 Nov 2024 17:43

Instrument :

BNA_F

ClientSampleId :

72-11944

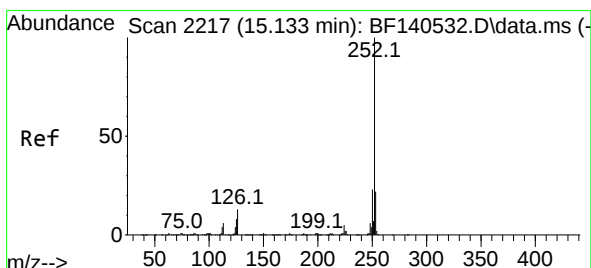
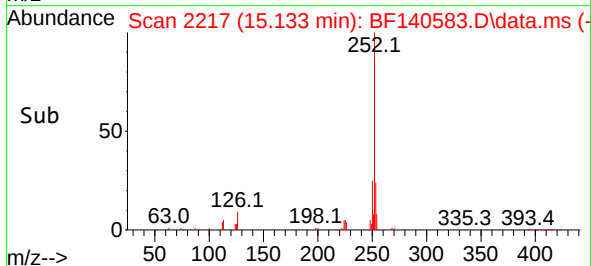
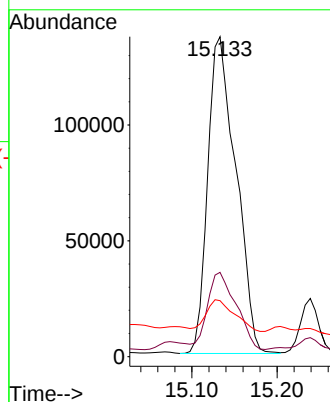
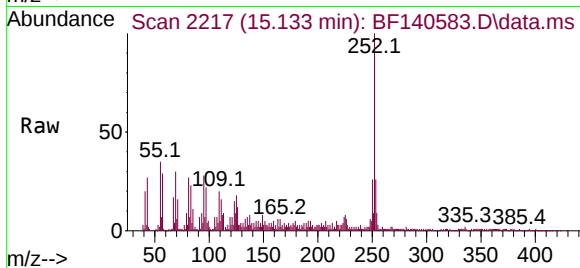
Tgt Ion:252 Resp: 314397

Ion Ratio Lower Upper

252 100

253 26.3 17.2 25.8#

125 17.5 6.7 10.1#



#89

Benzo(k)fluoranthene

Concen: 49.771 ng

RT: 15.133 min Scan# 2217

Delta R.T. -0.000 min

Lab File: BF140583.D

Acq: 22 Nov 2024 17:43

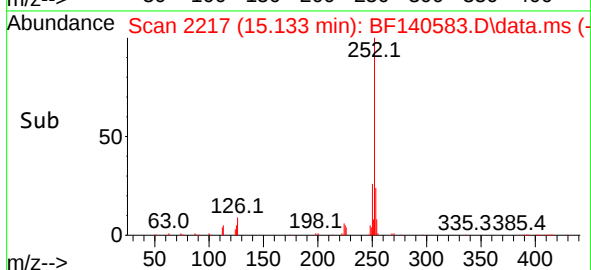
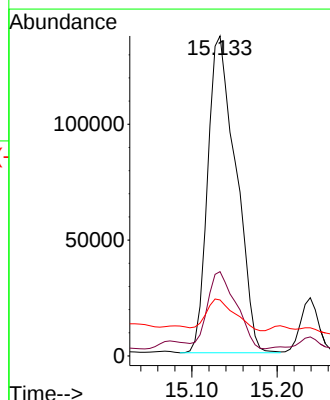
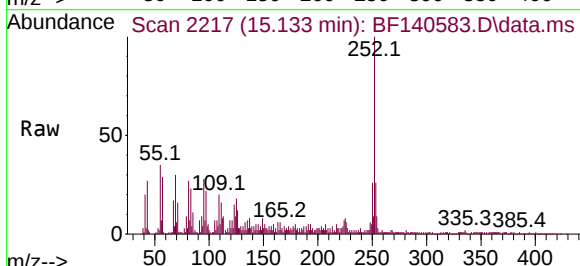
Tgt Ion:252 Resp: 314397

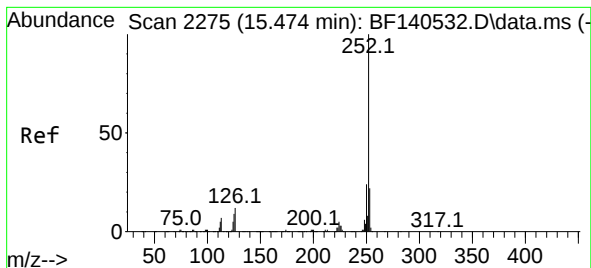
Ion Ratio Lower Upper

252 100

253 26.3 17.5 26.3#

125 17.5 6.5 9.7#





#90

Benzo(a)pyrene

Concen: 23.777 ng

RT: 15.498 min Scan# 21

Delta R.T. 0.023 min

Lab File: BF140583.D

Acq: 22 Nov 2024 17:43

Instrument :

BNA_F

ClientSampleId :

72-11944

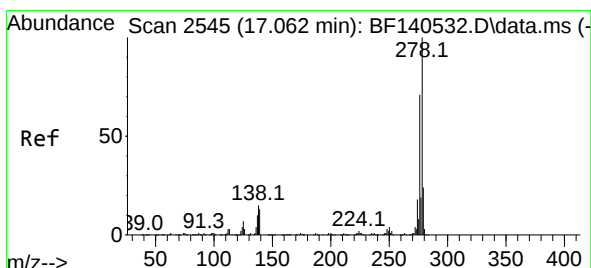
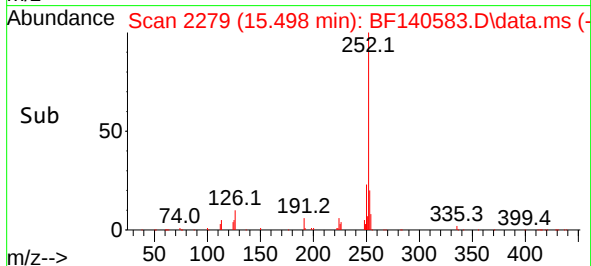
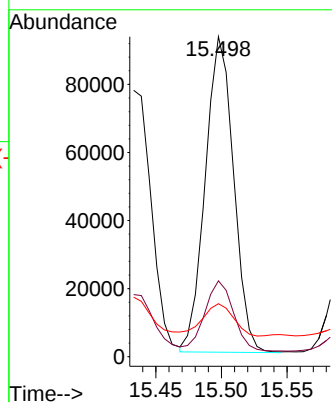
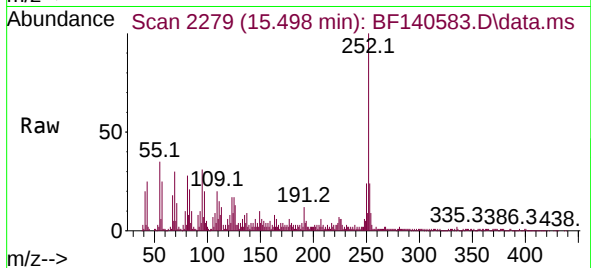
Tgt Ion:252 Resp: 139557

Ion Ratio Lower Upper

252 100

253 23.7 17.3 25.9

125 16.6 7.0 10.6#



#91

Dibenzo(a,h)anthracene

Concen: 4.112 ng

RT: 17.056 min Scan# 2544

Delta R.T. -0.006 min

Lab File: BF140583.D

Acq: 22 Nov 2024 17:43

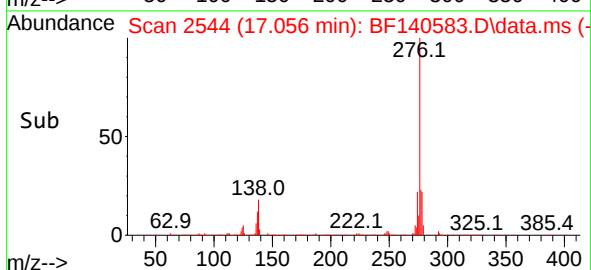
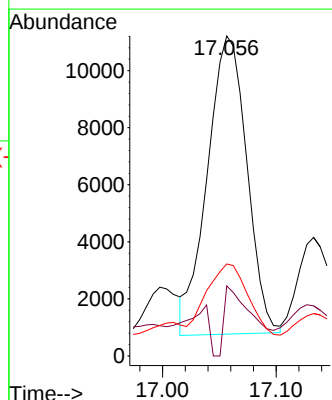
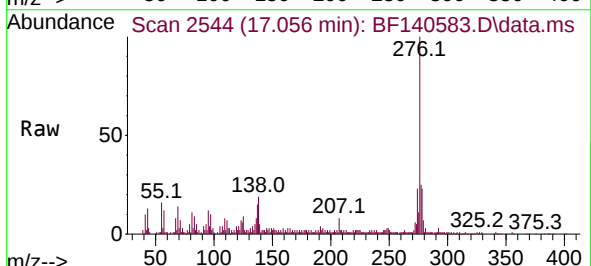
Tgt Ion:278 Resp: 25223

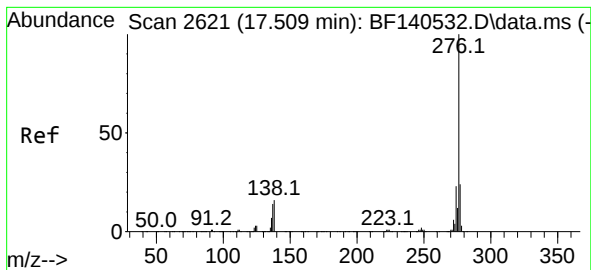
Ion Ratio Lower Upper

278 100

139 21.9 10.2 15.4#

279 28.8 18.9 28.3#





#92

Benzo(g,h,i)perylene

Concen: 15.740 ng

RT: 17.509 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF140583.D

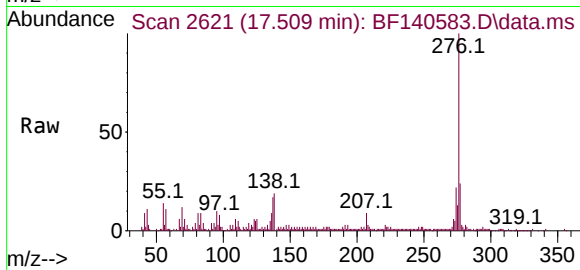
Acq: 22 Nov 2024 17:43

Instrument :

BNA_F

ClientSampleId :

72-11944



Tgt Ion:276 Resp: 98515

Ion Ratio Lower Upper

276 100

277 23.7 18.9 28.3

138 19.0 13.2 19.8

